

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## **Handling Subcommittee (HS) Notes** **Tuesday, December 20, 2022 3:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Carolyn Dimitri (CD); Wood Turner (WT); Dilip Nandwani (DN); Jerry D'Amore (JD); Logan Petrey (LP)

**Absent:** Kim Huseman (KH); Allison Johnson (AJ)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### **Agenda**

- Review notes: December 6, 2022
- 2025 Sunsets:
  - Phosphoric acid (KS)
  - Gellan gum (high-acyl form only) (CD)
  - Xanthan gum (CD)
  - Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean) (CD)
  - Tamarind seed gum (CD)
  - Tragacanth gum (CD)
- Additional Items
- Adjourn

### **Discussion**

- **December 6 notes** were accepted as written.
  - **Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean) (CD).** The lead reviewer noted that all the gums are discussed in the same TR and suggested it would be easier to discuss them as a group rather than individually. The TR included information about uses of the gums (Arabic; Guar; Locust bean; and Carob bean) outside of organic, and each are processed slightly differently from each other. She also noted that gums are allowed in international standards, and that there is little data about safety in children. The lead will review additional literature, add any helpful questions, and make the questions consistent across all the gums.
  - **Tragacanth gum (CD).** The lead summarized the review for tragacanth gum, and again noted that since the gums are similar, it makes sense to review them as a group.
  - **Xanthan gum (CD).** Xanthan gum is important in gluten-free products, which distinguishes it from the other gums. It is approved as a food additive, but is not on the Generally Recognized as Safe (GRAS) list. The group discussed the questions to stakeholders, and the lead will revise them based on feedback.
  - **Gellan gum (high-acyl form only) (CD).** The lead summarized the uses and background of gellan gum. As with the other gums, gellan gum is a thickener, gelling agent, and stabilizer. The lead will standardize the questions across all the gum reviews, will tailor the xanthan gum questions to focus on its use in gluten-free products, and also the gums listed on 205.605 as opposed to 205.606.
  - **Tamarind seed gum (CD).** Deferred to next call.
  - **Phosphoric acid (KS).** The lead summarized the uses, manufacture, and background of phosphoric acid. She reminded the group that the NOSB discussed and voted on an annotation change for phosphoric acid at the Fall 2022 meeting, and it did not pass. Members had a broader conversation about sanitizers and how to approach doing a comprehensive review of all sanitizers on the National List (NL). Members discussed several options and goals - such as creating a review process, carving out a separate section on the NL, or having sanitizers listed in

a similar fashion as facilities management is. The HS will discuss this further on the Executive call later today, and at a future HS call.

- **Additional Items.**
  - The NOP will list the gums in one group on the Spring NOSB Meeting agenda so when the HS discusses them they are grouped together.
  - **Research priorities.** The HS Chair shared the current list and asked that members think about additions/deletions/changes. She also noted that some of the entries are more detailed than others and would like to flush out more detail.
- **The meeting was adjourned.**

### [Previous HS Notes](#)

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

December 6, 2022

2025 Sunsets: Discuss review

Calcium carbonate (KH)

Alginates (DN)

Calcium hydroxide (DN)

December 20, 2022 (Allison out)

2025 Sunsets: Discuss review

Phosphoric acid (KS)

Gellan gum (high-acyl form only) (CD)

Xanthan gum (CD)

Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean) (CD)

Tragacanth gum (CD)

January 3, 2023

2025 Sunsets: Discuss review

Tamarind seed gum (CD)

Glycerides (mono and di) (AJ)

Magnesium stearate (AJ)

Sulfur dioxide (AJ)

Fructooligosaccharides (FOS) (MJ)

Lecithin - de-oiled (MJ)

Potassium carbonate (KH) - discuss TR sufficiency

January 17, 2023

2025 Sunsets: Discuss review

Flavors (LP)

Ethylene (LP)

Oxygen (WT)

Potassium chloride (WT) – TR sufficiency

February 7, 2023

February 21, 2023

March 7, 2023

March 21, 2023

April 4, 2023

April 18, 2023

## Work Agenda

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

## Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
Rye Pollen Extracts	205.606	CD + TBD	TBD	Petition sent to HS 8.31.22. Petition suff. due 10.30.22. HS sent additional questions to the petitioner 10.4.22. Response due to HS ~1.15.23	9.20.22 10.4.22	Spr 2023

## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	Due to MS by Jan 20, 2023	TBD	Spr 2023
Ion Exchange - Discussion doc Resins	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	TBD	Spr 2023

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Re quest?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.6.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “

Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Potassium chloride	205.605(a)	WT	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a> Draft TR sent to HS 12.2.22. Sufficiency due 1.31.23	3.15.22 1.17.23	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 12.6.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a> TR sent to HS 11.25.22. Suff due 1.24.23. TR found sufficient 11.27.22	3.15.22 12.6.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22 1.3.23	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22 1.3.23	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a> Draft TR sent to HS 12.2.22. Sufficiency due 01.31.23	3.15.22 1.3.23	“ “

Sulfur dioxide	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Y - Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22 1.3.23	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “

## Milestones

Spring 2023 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
NOP - Publish FRN, Open public comment	~Nov 10, 2022	
NOSB - Spring 2023 proposals due to NOP	Feb 14, 2023	10 weeks
New NOSB member training	TBD	
NOP - Draft Spring 2023 NOSB meeting tentative agenda	Feb 3, 2023	
NOP - Post proposals	Mar 6, 2023	7.5
Public comment closes	Apr 5, 2023	3.5
NOP - Send compiled public comments to NOSB	Apr 7, 2023	3

Public comment webinars	Apr 18 & 20, 2023	1 week
Spring 2023 NOSB meeting - Atlanta, GA	Apr 25 - 27, 2023	
Final recommendations due	May 25, 2023	

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## **Handling Subcommittee (HS) Notes** **Tuesday, December 6, 2022 3:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Carolyn Dimitri (CD); Kim Huseman (KH); Allison Johnson (AJ); Wood Turner (WT); Dilip Nandwani (DN); Jerry D'Amore (JD); Mindee Jeffery (MJ) - observer

**Absent:** Logan Petrey (LP)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### **Agenda**

- Review notes: November 15, 2022
- 2025 Sunsets:
  - Calcium carbonate (KH)
  - Alginates (DN)
  - Calcium hydroxide (DN)
  - Glycerides (mono and di) (AJ)
  - Magnesium stearate (AJ)
  - Phosphoric acid (KS)
  - Potassium carbonate (KH) - waiting on TR
  - Sulfur dioxide (AJ)
- Additional Items
- Adjourn

### **Discussion**

- **November 15 notes** were accepted as written
- **2025 Sunsets:** The lead authors each presented a preliminary review of their 2025 sunsets. The NOSB is piloting a new process for sunsets in which each sunset review will be edited by a second person before the Subcommittee finalizes it. In Handling, the Chair was the second reviewer for all the sunset reviews.
  - **Calcium carbonate (KH).** The lead summarized the draft review and members offered feedback. The lead will incorporate feedback and the HS will discuss this again briefly.
  - **Alginates (DN).** The lead summarized the alginates review, including the international uses, and environmental impacts. The lead will add a question to stakeholders about forms of alginates in use (ammonium, calcium, potassium, sodium, and propylene glycol). A member shared the following information from the Organic Materials Review Institute (OMRI) generic materials list: "Includes ammonium alginate, calcium alginate, potassium alginate, and sodium alginate." The lead will make some modifications to the draft review, and the HS Chair will review the changes.
  - **Calcium hydroxide (DN).** The lead summarized the draft review and the information provided in the new 2022 TR. Members offered feedback and the lead and HS Chair will incorporate them to complete the review. The group also discussed nano-technology and noted an NOP policy memo on said topic.
  - **Glycerides (mono and di) (AJ).** Deferred to next call.
  - **Magnesium stearate (AJ).** Deferred to next call.
  - **Phosphoric acid (KS).** Deferred to next call.
  - **Potassium carbonate (KH) - waiting on TR.** Deferred to next call.
  - **Sulfur dioxide (AJ).** Deferred to next call.
- **Additional Items.** The group discussed the model and acknowledged that it is going to be clunky to start. given that they did not complete the list of agenda items today. The Chair suggested that members review the documents ahead of time, to perhaps improve efficiency on the calls.
- **The meeting was adjourned.**

## [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

November 15, 2022

December 6, 2022

2025 Sunsets: Discuss review

Calcium carbonate (KH)

Alginates (DN)

Calcium hydroxide (DN)

December 20, 2022 (Allison out)

2025 Sunsets: Discuss review

Glycerides (mono and di) (AJ)

Magnesium stearate (AJ)

Phosphoric acid (KS)

Sulfur dioxide (AJ)

Gellan gum (high-acyl form only) (CD)

Xanthan gum (CD)

Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean) (CD)

Tamarind seed gum (CD)

Tragacanth gum (CD)

January 3, 2023

2025 Sunsets: Discuss review

Fructooligosaccharides (FOS) (MJ)

Lecithin - de-oiled (MJ)

Potassium carbonate (KH) - discuss TR sufficiency

January 17, 2023

2025 Sunsets: Discuss review

Flavors (LP)

Ethylene (LP)

Oxygen (WT)

Potassium chloride (WT)

February 7, 2023

February 21, 2023

March 7, 2023

March 21, 2023

April 4, 2023

April 18, 2023

## **Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

## **Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
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Rye Pollen Extracts	205.606	CD + TBD	TBD	Petition sent to HS 8.31.22. Petition suff. due 10.30.22. HS sent additional questions to the petitioner 10.4.22. Response due to HS ~1.15.23	9.20.22 10.4.22	Spr 2023
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## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	Due to MS by Jan 20, 2023	TBD	Spr 2023
Ion Exchange - Discussion doc Resins	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	TBD	Spr 2023

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.6.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “

Potassium chloride	205.605(a)	WT	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a> Draft TR sent to HS 12.2.22	3.15.22 1.17.23	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 12.6.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a> TR sent to HS 11.25.22. Suff due 1.24.23. TR found sufficient 11.27.22	3.15.22 12.6.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22 12.20.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22 12.20.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a> Draft TR sent to HS 12.2.22	3.15.22 1.3.23	“ “

Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 12.20.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Y - Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22 12.20.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “

## Milestones

Spring 2023 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
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NOSB - Spring 2023 proposals due to NOP	Feb 14, 2023	10 weeks
New NOSB member training	TBD	
NOP - Draft Spring 2023 NOSB meeting tentative agenda	Feb 3, 2023	
NOP - Post proposals	Mar 6, 2023	7.5
Public comment closes	Apr 5, 2023	3.5
NOP - Send compiled public comments to NOSB	Apr 7, 2023	3

Public comment webinars	Apr 18 & 20, 2023	1 week
Spring 2023 NOSB meeting - Atlanta, GA	Apr 25 - 27, 2023	
Final recommendations due	May 25, 2023	

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## **Handling Subcommittee (HS) Notes** **Tuesday, November 15, 2022 3:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Carolyn Dimitri (CD); Kim Huseman (KH); Mindee Jeffery (MJ), Vice Chair; Allison Johnson (AJ); Wood Turner (WT); Dilip Nandwani (DN); Nate Powell-Palm (NPP) - observer; Amy Bruch (AB) - observer

**Absent:** Logan Petrey (LP)

**Staff:** Michelle Arsenault (MA); Andrea Holm (AH)

### **Agenda**

- Review notes: October 4, 2022
- Fall Meeting Debrief
- 2025 Sunset Review Process/Assignments
- Other work agenda items?
- Additional Items
- Adjourn

### **Discussion**

- **October 4 notes** were accepted as written.
- **Fall Meeting Debrief.** Members discussed the Fall meeting and shared what went well and what needs to be changed or improved.
- **2025 Sunset Review Process/Assignments.** The Subcommittee Chair verified the leads for the 2025 sunsets. The NOSB officers would like to accelerate the process of sunset reviews, and have asked that the leads submit first drafts of write-ups by November 30, so everyone has more time to review them ahead of the discussion.
- **Other work agenda items?**
  - Final sunset reviews from Fall 2022 need to be finalized and sent to NOP by November 30.
  - All work agenda items were scheduled for discussion with the exception of research priorities, and resins (see table below).
- **Final Recommendations from Fall 2022:** The HS Chair will set up a Google document with the 2024 sunsets from Fall 2022 so everyone can add their final edits. The final document will be returned to the NOP as a Word document.
- **Additional Items.** None
- **The meeting was adjourned**

### [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

October 4, 2022

Ancillary substance refresher (KS)

Public comment (ALL)

October 18, 2022 - Public comment webinar

November 1, 2022 - cancelled

November 15, 2022

December 6, 2022

December 20, 2022

January 3, 2023

January 17, 2023  
 February 7, 2023  
 February 21, 2023  
 March 7, 2023  
 March 21, 2023  
 April 4, 2023  
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**Work Agenda**

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**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
Rye Pollen Extracts	205.606	CD + TBD	TBD	Petition sent to HS 8.31.22. Petition suff. due 10.30.22. HS sent additional questions to the petitioner 10.4.22.	9.20.22 10.4.22	Spr 2023

**Other Projects**

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	Due to MS by Jan 20, 2023	TBD	Spr 2023
Ion Exchange - Discussion doc Resins	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	TBD	Spr 2023

**2025 Sunset Review**

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 12.6.22	Summary: Spr 2023 Review: Fall 2023

Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">TR: 2006 (Gellan Gum)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Potassium chloride	205.605(a)	WT	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 1.17.23	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22 12.6.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22 12.6.22	“ “

Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.6.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Y - Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22 1.3.23	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22 12.20.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 12.20.22	“ “

## Milestones

Spring 2023 Milestones	Target dates (tentative)	Weeks PTM (prior to meeting)
NOP - Publish FRN, Open public comment	~Nov 10, 2022	



NOSB - Spring 2023 proposals due to NOP	Feb 14, 2023	10 weeks
New NOSB member training	TBD	
NOP - Draft Spring 2023 NOSB meeting tentative agenda	Feb 3, 2023	
NOP - Post proposals	Mar 6, 2023	7.5
Public comment closes	Apr 5, 2023	3.5
NOP - Send compiled public comments to NOSB	Apr 7, 2023	3
Public comment webinars	Apr 18 & 20, 2023	1 week
Spring 2023 NOSB meeting - Atlanta, GA	Apr 25 - 27, 2023	
Final recommendations due	May 25, 2023	

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, October 4, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Carolyn Dimitri (CD); Kim Huseman (KH); Mindee Jeffery (MJ), Vice Chair; Allison Johnson (AJ); Wood Turner (WT); Logan Petrey (LP)

**Absent:** Dilip Nandwani (DN)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: September 20, 2022
- Ancillary substance refresher (KS)
- Discuss review of public comment (All)
- Prep for Fall meeting (Assignments, roles) (All)
- Additional Items
- Adjourn

### Discussion

- **September 20 notes** were accepted with minor changes.
- **Ancillary substance refresher (KS).** The lead presented a review of the historic timeline on ancillary substances. The NOP sent a memo to the NOSB in 2011 asking them to work on “other ingredients” or ancillary substances. The NOSB passed several recommendations beginning in 2013, but deferred work in 2017 until NOP issued more guidance. Since there are many new NOSB members, the HS Chair wanted to revisit the topic. The group discussed next steps, including potential outcomes and goals if they were to add it to the work agenda to continue work. Members highlighted recent examples related to this topic such as [Cetylpyridinium chloride \(CPC\)](#) and pectin. The Chair recommended adding some guidance to the new member training, and will continue to collect information about ancillaries. The NOP will review the previous documents to determine the reason it was placed on hold and NOP did not move ahead with implementation of the previous recommendations.
- **Discuss review of public comment (All).** Members discussed strategies and techniques for reviewing and summarizing public comments for the meeting.
- **Prep for Fall meeting (Assignments, roles) (All).** The group reviewed the agenda and discussed roles and strategy for presenting proposals and voting.
- **Additional Items.**
  - The lead for the rye pollen petition reviewed the petition and indicated that there is seems to be a critical report from the National Institute of Environmental Health Studies that is not included. The HS will send questions to the NOP seeking additional information from the petitioner.
- **The meeting was adjourned**

### [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

September 20, 2022

Rye Pollen Extracts - petition. Assign lead

Future work agenda items (KS)

Review list of potential annotation changes (KS)

October 4, 2022

Ancillary substance refresher (KS)

Public comment (ALL)

October 18, 2022 - Public comment webinar

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21. HS sent additional questions to petitioner 6.22.22. Response returned to HS 7.15.22	6.21.22 7.19.22 7.26.22	Fall 2022
Peroxlactic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22 7.26.22 8.2.22	Fall 2022
Rye Pollen Extracts	205.606	CD + TBD	TBD	Petition sent to HS 8.31.22. Petition suff. due 10.30.22. HS sent additional questions to the petitioner 10.4.22.	9.20.22 10.4.22	TBD

## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange - Discussion doc Resins	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22 8.2.22	Fall 2022
Ion Exchange - Proposal on recharge materials	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22	Fall 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “

Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to renew</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

## Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022
NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
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Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “

Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Y - Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## **Handling Subcommittee (HS) Notes** **Tuesday, September 20, 2022 3:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Carolyn Dimitri (CD); Kim Huseman (KH); Logan Petrey (LP); Mindee Jeffery (MJ), Vice Chair; Allison Johnson (AJ); Wood Turner (WT); Nate Powell-Palm (NPP) - observer

**Absent:** Dilip Nandwani (DN)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### **Agenda**

- Review notes: August 2, 2022
- Rye Pollen Extracts - petition. Assign lead
- Future work agenda items (KS)
- Review list of potential annotation changes (KS)
- Additional Items
- Adjourn

### **Discussion**

- **August 2 notes** were accepted as written.
- **Rye Pollen Extracts - petition.** CD will complete petition sufficiency, and the HS will determine a lead at a later date.
- **Future work agenda items (KS).** The group discussed other projects already on the work agenda including a petition for rye pollen extract, and a potential proposal on resins, and the 2025 sunsets. The HS Chair indicated interest in revisiting the project on ancillary substances. To move forward the group will discuss why this would be important, why it should be prioritized over other projects, and what the end goal would be and how it could be actionable or implementable? Commenters and the community have mentioned the need to work on several areas of the handling standards as well.
- **Review list of potential annotation changes (KS).** The HS Chair has been tracking previous handling substance reviews noting when commenters recommended an annotation change. The HS discussed whether or not to request a work agenda item to work on these annotation changes. The group discussed utilizing the open docket to post a preliminary document to solicit feedback, to narrow it down and move ahead with a DD or proposal.
- **Additional Items.** None.
- **The meeting was adjourned**

### [Previous HS Notes](#)

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

August 2, 2022 - last call before proposals due

Peroxy-lactic Acid (PoLA) (LP) - discuss proposal/vote

2024 Sunsets: Bentonite (WT) - discuss/vote

2024 Sunsets: Sodium Phosphates (WT) - discuss/vote

Ion Exchange: Resins (KS) - discuss discussion document/vote

August 16, 2022 - canceled

September 6, 2022 - canceled

September 20, 2022

Rye Pollen Extracts - petition. Assign lead



Future work agenda items (KS)

Review list of potential annotation changes (KS)

October 4, 2022

Ancillary substance refresher (KS)

Public comment (ALL)

October 18, 2022 - Public comment webinar

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

### Work Agenda

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

### Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21. HS sent additional questions to petitioner 6.22.22. Response returned to HS 7.15.22	6.21.22 7.19.22 7.26.22	Fall 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22 7.26.22 8.2.22	Fall 2022

Rye Pollen Extracts	205.606	CD + TBD	TBD	Petition sent to HS 8.31.22. Petition suff. due 10.30.22.	9.20.22	TBD
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## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange - Discussion doc Resins	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22 8.2.22	Fall 2022
Ion Exchange - Proposal on recharge materials	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22	Fall 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to renew</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

## Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022
NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Y - Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “

Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, August 2, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Carolyn Dimitri (CD); Kim Huseman (KH); Wood Turner (WT); Logan Petrey (LP); Mindee Jeffery (MJ), Vice Chair; Allison Johnson (AJ); Nate Powell-Palm (NPP) - observer

**Absent:** Dilip Nandwani (DN)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: July 26, 2022
- Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote
- 2024 Sunsets: Bentonite (WT) - discuss/vote
- 2024 Sunsets: Sodium Phosphates (WT) - discuss/vote
- Ion Exchange: Resins (KS) - discuss discussion document/vote
- Additional Items
- Adjourn

### Discussion

- **July 26 notes were accepted as written.**
- **Peroxylactic Acid (PoLA) (LP).** The lead highlighted 3 sections in the proposal that were modified since the last discussion. The group discussed the review, sanitizers in general, and shared their concerns with adding additional sanitizers to the National List. The lead included discussion in the proposal regarding this, with the intent of soliciting feedback from the community at the Fall meeting.

Motion to classify peroxylic acid (PoLA) as non-agricultural synthetic

Motion by: Logan Petrey

Seconded by: Kyla Smith

Yes: 6 No: 0 Abstain: 0 Recuse: 0 Absent: 2

Motion to add peroxylic acid (PoLA) for use as an antimicrobial agent in process water, ice, or brine used in the production, processing, and preparation of meat and poultry products, to § 205.605(b) of the National List.

Motion by: Logan Petrey

Seconded by: Kyla Smith

Yes: 3 No: 3 Abstain: 0 Recuse: 0 Absent: 2

- **2024 Sunsets: Bentonite (WT).** The lead summarized the uses and manufacture of bentonite. It is considered generally regarded as safe (GRAS) and has long-standing support for use in organic agriculture. Spring 2022 comments were limited, mostly supportive, and some included ongoing discussion about mining. Some commenters asked about adding an annotation to clarify which forms of bentonite should be used. Members discussed minor edits and moved to a vote. KH will coordinate with WT to align the attapulgite review, since they are similar.

Motion to remove bentonite from the National List

Motion by: Wood Turner

Seconded by: Mindee Jeffery

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 2

- **2024 Sunsets: Sodium Phosphates (WT).** The lead summarized the uses and manufacture of sodium phosphates, which are salts used as PH control in dairy products. Sodium phosphates are considered generally regarded as safe (GRAS). There were limited comments at Spring 2022 meeting, and no strong support for removal. The lead will include the questions from the Spring meeting in this review.

Motion to remove sodium phosphates from the National List

Motion by: Wood Turner

Seconded by: Kim Huseman

Yes: 0 No: 6 Abstain: 0 Absent: 2 Recuse: 0

- **Ion Exchange: Resins (KS).** The lead summarized the history of the work agenda item and the reason the HS chose to put forth a discussion document on the resins, and a separate proposal on the recharge materials. Members discussed and then moved to a vote.

Motion to accept the discussion document on resins used in the ion exchange filtration process

Motion by: Kyla Smith

Seconded by: Mindee Jeffery

Yes: 7 No: 0 Abstain: 0 Recuse: 0 Absent: 1

- **Additional Items.**
  - The Handling Chair would like to reserve time on a future Subcommittee call to give a presentation on the review history of ancillary substances. The work agenda item is on hold, and the Board has almost completely turned over since they last worked on it.
  - The HS would also like to revisit issues with carrageenan and will continue the discussion on a later call. A member noted that because it's a processing aid it does not have to be listed on the label, but when used as an ingredient it does.
- **The meeting was adjourned**

## [Previous HS Notes](#)

### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

July 26, 2022

Phosphoric acid - amend annotation (KS) - discuss proposal/vote

Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote

Ion Exchange: Recharge Materials (KS) - discuss proposal/vote

August 2, 2022 - last call before proposals due

Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote

2024 Sunsets: Bentonite (WT) - discuss/vote

2024 Sunsets: Sodium Phosphates (WT) - discuss/vote

Ion Exchange: Resins (KS) - discuss discussion document/vote

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022 - Public comment webinar

November 1, 2022

November 15, 2022



December 6, 2022  
 December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21. HS sent additional questions to petitioner 6.22.22. Response returned to HS 7.15.22	6.21.22 7.19.22 7.26.22	Fall 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22 7.26.22 8.2.22	Fall 2022

**Other Projects**

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange - Discussion doc Resins	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22 8.2.22	Fall 2022

Ion Exchange - Proposal on recharge materials	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22	Fall 2022
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## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR</a> (livestock). <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR</a> (supplemental); <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to renew</a>	6.7.22	“ “

Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
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### Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022
NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

### 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 TR: <a href="#">2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 TR: <a href="#">2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> Annot <a href="#">83 FR 66559 (Annotation change FR) (2018)</a> ; <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 TR: <a href="#">2018</a> (Gums) TR: <a href="#">2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y - also requested in Crops	Sunset date: 6/22/2025 TAP: 1995 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 TR: 2015 TAP: 1995 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 TAP: 1995 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 TAP: 1999 TAP: 1995 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 TR: 2015 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 TR: 2018 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 TR: 2021 TR: 2003 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 TAP: 1995 <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Y - Lmt'd Scope?	Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, July 26, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Dilip Nandwani (DN); Carolyn Dimitri (CD); Kim Huseman (KH); Wood Turner (WT); Logan Petrey (LP)

**Absent:** Mindee Jeffery (MJ), Vice Chair; Allison Johnson (AJ)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: July 19, 2022
- Phosphoric acid - amend annotation (KS) - discuss proposal/vote
- Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote
- Additional Items
- Adjourn

### Discussion

- **July 19 notes** were accepted as written.
- **Phosphoric acid - amend annotation (KS).** The group reviewed the draft proposal and the additions made since the last call. Members were supportive of the edits. Discussion centered around the merits of phosphoric acid, the proposed uses, and essentiality. Given that there are available alternatives, the HS questioned whether phosphoric acid is essential, and moved to a vote.

Motion to amend the annotation for phosphoric acid to read (underlined verbiage is proposed addition) “cleaning of food-contact surfaces and equipment, and as an acidifier to adjust pH of an extraction solvent to extract antioxidants or other target molecules from lamiaceae plants, provided the amount of acid used shall not exceed the minimum needed to lower pH to 2.5.” at 205.605(b)....

Motion by: Kyla Smith

Seconded by: Dilip Nandwani

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 2

- **Ion Exchange (KS).** The lead has developed two separate documents: A proposal on recharge materials, and a forthcoming discussion document on resins, which will be completed on the next call. The lead summarized the previous review history, noting that recharge materials are not controversial, and both the NOSB and community agree that they should be listed on the National List. She also noted that the NOSB recommendation would likely be implemented as a guidance document for Certifiers and Material Review Organizations.

Motion to accept the proposal that recharge materials used in the ion exchange filtration process must be listed on the National List

Motion by: Kyla Smith

Seconded by: Kim Huseman

Yes: 6 No: 0 Abstain: 0 Recuse: 0 Absent: 2

- **Peroxylactic Acid (PoLA) (LP).** The lead summarized the draft proposal, highlighting uses and alternatives, and asked for feedback so it can be incorporated into the document. The Subcommittee will vote on the final document on the next call. The group broadened the discussion to sanitizers, and discussed potential differences between PoLA and the alternate sanitizers already on the National List, such as chlorine. The lead noted that the main difference between PoLA and chlorine is that PoLA

requires much less water. Members suggested modifications to the questions as they seek to understand essentiality, necessity, and other criteria Handlers might consider when choosing one substance over another. The HS will vote on the proposal on the August 2 call.

**Additional Items.** None.

- **The meeting was adjourned**

[Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

July 19, 2022

- 2024 Sunsets: Acidified sodium chlorite (CD) - discuss/vote
- 2024 Sunsets: Carbon dioxide (CD) - discuss/vote
- Phosphoric acid - amend annotation (KS) - discuss proposal
- Peroxylactic Acid (PoLA) (LP) - discuss proposal

July 26, 2022

- Phosphoric acid - amend annotation (KS) - discuss proposal/vote
- Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote
- Ion Exchange: Recharge Materials (KS) - discuss proposal/vote

August 2, 2022 - last call before proposals due

- Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote
- 2024 Sunsets: Bentonite (WT) - discuss/vote
- 2024 Sunsets: Sodium Phosphates (WT) - discuss/vote
- Ion Exchange: Resins (KS) - discuss discussion document/vote

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
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<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a> <a href="#">Addendum #3</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21. HS sent additional questions to petitioner 6.22.22. Response returned to HS 7.15.22	6.21.22 7.19.22 7.26.22	Fall 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22 7.26.22 8.2.22	Fall 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange - Discussion doc Resins, Proposal on recharge materials	KS	<a href="#">NOP request to review ion exchange filtration 08/2019</a> <a href="#">NOP response memo sent to HS 10/2021</a>	5.17.22 7.26.22 8.2.22	Fall 2022

### 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022



Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR</a> (livestock). <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR</a> (supplemental); <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

### Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022

NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

### 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Con tact	TR Re quest?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a>	3.15.22 4.5.22 5.17.22	“ “

				<a href="#">05/07/2020, 85 FR 27105</a>		
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, July 5, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Dilip Nandwani (DN); Carolyn Dimitri (CD); Logan Petrey (LP); Allison Johnson (AJ); Kim Huseman (KH); Nate Powell-Palm (NPP) - observer

**Absent:** Wood Turner (WT)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC); Ann Waller (AW)

### Agenda

- Review notes: June 21, 2022
- 2024 Sunsets: Sodium carbonate (DN) - discuss/vote
- Research Priorities (ALL) - discuss, finalize list for Materials Subcomm
- Additional Items.
- Adjourn

### Discussion

- **June 21 notes** were accepted as written.
- **Sunset Reviews:** The HS Chair reminded members to complete their sunsets as they vote on them and submit them to NOP.
- **2024 Sunsets: Sodium carbonate (DN).** The lead summarized the background and uses of sodium carbonate, noting the two different manufacturing processes, one synthetic and one not. Sodium carbonate is seen as essential and public comments from the Spring meeting were generally supportive of relisting. A member verified the ACA guidance, which states that the trona process must be used, and added that there might be some uncertainty about that process being non-synthetic. One commenter suggested an annotation to clarify which manufacturing process would be allowed. The HS will include a discussion of the issue in the Fall review and will also add a suggestion that the Board request a new TR at the next sunset review. The group discussed sanitizers in general and the possibility of seeking assistance with a baseline literature search.

Motion to remove sodium carbonate from the National List

Motion by: Dilip Nandwani

Seconded by: Kyla Smith

Yes: 0 No: 6 Abstain: 0 Recuse: 0 Absent: 2

- **Research Priorities (ALL).** The HS reviewed the current list of research priorities and will not make any modifications for the Fall. The lead will forward the list to the Materials Subcommittee for incorporation into the final proposal.
- **Additional Items.** None.
- **The meeting was adjourned**

### [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

June 21, 2022

2024 Sunsets: Magnesium chloride (KS) - discuss/vote

2024 Sunsets: Nitrogen (KS) - discuss/vote

2024 Sunsets: Potassium acid tartrate (AJ) - discuss/vote

July 5, 2022

2024 Sunsets: Sodium carbonate (DN) - discuss/vote  
Research Priorities (ALL) - discuss, finalize list for Materials Subcomm

July 19, 2022

2024 Sunsets: Acidified sodium chlorite (CD) - discuss/vote  
2024 Sunsets: Carbon dioxide (CD) - discuss/vote  
Phosphoric acid - amend annotation (KS) - discuss proposal/vote  
Peroxylic Acid (PoLA) (LP) - discuss proposal/vote

August 2, 2022 - last call before proposals due

2024 Sunsets: Bentonite (WT) - discuss/vote  
2024 Sunsets: Sodium Phosphates (WT) - discuss/vote  
Ion Exchange (KS) - discuss proposal

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

### Work Agenda

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

### Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a> <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21. HS sent additional questions to petitioner 6.22.22	6.21.22 7.19.22	Fall 2022

Peroxlactic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22	Fall 2022
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## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	KS	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD. Discussion doc	TBD	TBD
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange	KS	<a href="#">NOP response memo sent to HS 8.10.21</a>	5.17.22 8.2.22	Fall 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “

Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.19.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

## Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022
NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022



## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Con tact	TR Re quest?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, June 21, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Dilip Nandwani (DN); Allison Johnson (AJ); Carolyn Dimitri (CD); Wood Turner (WT)

**Absent:** Kim Huseman (KH); Logan Petrey (LP)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: June 7, 2022
- 2024 Sunsets: Magnesium chloride (KS) - discuss/vote
- 2024 Sunsets: Nitrogen (KS) - discuss/vote
- 2024 Sunsets: Potassium acid tartrate (AJ) - discuss/vote
- Research Priorities (KS) - Review and current list
- Additional Items
  - Phosphoric acid petition.
- Adjourn

### Discussion

- **June 7 notes** were accepted as written.
- **2024 Sunsets: Magnesium chloride (KS).** The lead summarized the comments received at the Spring meeting and the subcommittee had a brief discussion before moving to a vote.

Motion to remove magnesium chloride at from the National List

Motion by: KS

Seconded by: AJ

Yes: 0 No: 6 Abstain: 0 Absent: 2 Recuse: 0

- **2024 Sunsets: Nitrogen (KS).** The lead noted that the relisting of nitrogen is not controversial, and all commenters were supportive of it remaining on the list.

Motion to remove nitrogen from the National List

Motion by: KS

Seconded by: AJ

Yes: 0 No: 5 Abstain: 0 Absent: 3 Recuse: 0

- **2024 Sunsets: Potassium acid tartrate (AJ).** The lead summarized the uses of potassium acid tartrate as well as the public comments received at the Spring meeting. The group also discussed commercial availability, and left a question for commenters.

Motion to remove potassium acid tartrate at from the National List

Motion by: AJ

Seconded by: KS

Yes: 0 No: 6 Abstain: 0 Absent: 2 Recuse: 0

- **Research Priorities (KS).** Deferred to next call due to time.
- **Additional Items**

- **Phosphoric acid petition.** The lead reached out to a commenter who provided comments at the Spring meeting and the group discussed the additional information. The HS will send some additional questions to the NOP to share with the petitioner and if the answers are back in time will proceed with a proposal for the Fall 2022 meeting.
- **The meeting was adjourned**

### [Previous HS Notes](#)

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

June 7, 2022

Schedule discussion dates for remainder of 2024 sunsets  
 Schedule discussion dates for 2 petitioned substances  
 2024 Sunsets: Attapulgite (KH) - discuss/vote  
 2024 Sunsets: Diatomaceous earth (KH) - discuss/vote  
 2024 Sunsets: Casings (MJ) - discuss/vote  
 2024 Sunsets: Pectin (MJ) - discuss/vote

June 21, 2022

2024 Sunsets: Magnesium chloride (KS) - discuss/vote  
 2024 Sunsets: Nitrogen (KS) - discuss/vote  
 2024 Sunsets: Potassium acid tartrate (AJ) - discuss/vote

July 5, 2022

2024 Sunsets: Acidified sodium chlorite (CD) - discuss/vote  
 2024 Sunsets: Carbon dioxide (CD) - discuss/vote  
 2024 Sunsets: Sodium carbonate (DN) - discuss/vote  
 Research Priorities (ALL) - discuss, finalize list for Materials Subcomm  
 Ion Exchange (KS) - discuss proposal

July 19, 2022

Phosphoric acid - amend annotation (KS) - discuss proposal/vote  
 Peroxylactic Acid (PoLA) (LP) - discuss proposal/vote

August 2, 2022 - last call before proposals due

2024 Sunsets: Bentonite (WT) - discuss/vote  
 2024 Sunsets: Sodium Phosphates (WT) - discuss/vote

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

#### **Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

## Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	6.21.22 7.19.22	Fall 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22	Fall 2022

## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	Fall 2022
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange	KS	<a href="#">NOP response memo sent to HS 8.10.21</a>	5.17.22 7.5.22	Fall 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022

Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

## Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022

NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

### 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Con tact	TR Re quest?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a>	3.15.22 4.5.22 5.17.22	“ “



				<a href="#">05/07/2020, 85 FR 27105</a>		
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, June 7, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Kim Huseman (KH); Dilip Nandwani (DN); Wood Turner (WT); Logan Petrey (LP); Allison Johnson (AJ); Nate Powell-Palm (NPP) - observer

**Absent:** Carolyn Dimitri (CD)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: May 17
- Schedule discussion dates for remainder of 2024 sunsets
- Schedule discussion dates for 2 petitioned substances
- 2024 Sunsets: Attapulgit (KH) - discuss/vote
- 2024 Sunsets: Diatomaceous earth (KH) - discuss/vote
- 2024 Sunsets: Casings (MJ) - discuss/vote
- 2024 Sunsets: Pectin (MJ) - discuss/vote
- Additional Items
  - Phosphoric acid questions?
- Adjourn

### Discussion

- **May 17 notes** were accepted as written.
- **Discussion dates for remainder of 2024 sunsets and 2 petitioned substances.** The HS scheduled the remainder of the work agenda items. See table below.
- **2024 Sunsets: Attapulgit (KH).** The lead summarized the use and manufacture of attapulgit, and comments from stakeholders about reclassification. Certifiers indicated that synthetic attapulgit is not allowed, and they will not certify it, so rather than consider reclassification, the HS will add language to the review specifying that the natural is allowed, and the synthetic is not.

Motion to remove attapulgit at § 205.605(a) of the National List

Motion by: KH

Seconded by: MJ

Yes: 1 No: 6 Abstain: 0 Absent: 1 Recuse: 0

- **2024 Sunsets: Diatomaceous earth (DE) (KH).** The lead summarized the use and manufacture of DE, which is a filtering aid, and the HS moved to a vote.

Motion to remove diatomaceous earth (DE) from § 205.605(a) of the National List

Motion by: KH

Seconded by: MJ

Yes: 0 No: 7 Abstain: 0 Absent: 1 Recuse: 0

- **2024 Sunsets: Casings (MJ).** The lead summarized the review of casings, which also addressed comments from the Spring 2022 meeting.

Motion to remove casings at § 205.605(b) from the National List

Motion by: MJ

Seconded by: KS

Yes: 0 No: 7 Abstain: 0 Absent: 1 Recuse: 0

- **2024 Sunsets: Pectin (MJ).** The lead summarized the review, and noted that it is widely used and needed.

Motion to remove pectin at §205.605(b) from the National List

Motion by: MJ

Seconded by: KS

Yes: 0 No: 7 Abstain: 0 Absent: 1 Recuse: 0

- **Additional Items**
  - Members discussed the final list of TR requests for the 2025 sunsets.
  - The lead will send NOP some additional questions about phosphoric acid to send to the petitioner.
- **The meeting was adjourned**

## [Previous HS Notes](#)

### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

May 17, 2022

TR requests for 2025 sunsets

Ion Exchange (KS) - discuss

June 7, 2022

Schedule discussion dates for remainder of 2024 sunsets

Schedule discussion dates for 2 petitioned substances

2024 Sunsets: Attapulgit (KH) - discuss/vote

2024 Sunsets: Diatomaceous earth (KH) - discuss/vote

2024 Sunsets: Casings (MJ) - discuss/vote

2024 Sunsets: Pectin (MJ) - discuss/vote

June 21, 2022

2024 Sunsets: Acidified sodium chlorite (CD) - discuss/vote

2024 Sunsets: Carbon dioxide (CD) - discuss/vote

2024 Sunsets: Magnesium chloride (KS) - discuss/vote

2024 Sunsets: Nitrogen (KS) - discuss/vote

2024 Sunsets: Potassium acid tartrate (AJ) - discuss/vote

July 5, 2022

2024 Sunsets: Sodium carbonate (DN) - discuss/vote

Research Priorities (ALL) - discuss, finalize list for Materials Subcomm

Ion Exchange (KS) - discuss

July 19, 2022

Phosphoric acid - amend annotation (KS) - discuss proposal/vote

Peroxylic Acid (PoLA) (LP) - discuss proposal/vote

August 2, 2022 - last call before proposals due

2024 Sunsets: Bentonite (WT) - discuss/vote

2024 Sunsets: Sodium Phosphates (WT) - discuss/vote

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21. HS sent questions to petitioner	7.19.22	Fall 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 7.19.22	Fall 2022

**Other Projects**

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	Fall 2022

Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange	KS	<a href="#">NOP response memo sent to HS 8.10.21</a>	5.17.22 7.5.22	Fall 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	8.2.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “

Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “

### Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022
NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

### 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation change FR) (2018)</a> ; <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y - also requested in Crops	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “



Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, May 17, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Kim Huseman (KH); Dilip Nandwani (DN); Mindee Jeffery (MJ), Vice Chair; Carolyn Dimitri (CD); Wood Turner (WT); Logan Petrey (LP); Allison Johnson (AJ)

**Absent:**

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: April 5
- TR requests for 2025 sunsets
- Ion Exchange (KS) - discuss proposal
- Additional Items
- Adjourn

### Discussion

- **April 5 notes** were accepted as written
- **TR requests for 2025 sunsets**
  - Glycerides (mono and di) and magnesium stearate (AJ). Previous TRs are thorough, and the HS will not request new TRs.
  - The HS determined remainder of TR requests for 2025 sunsets. See table below.
- **Ion Exchange (KS).** The lead summarized the history of the ion exchange review beginning with the [request from the NOP](#) to the NOSB. Members discussed the options to move this forward, which may include doing nothing. Members contributed various ideas such as listing resins as a category versus listing individual resins. The HS has taken a strong position on recharge materials, and will write a discussion document on the resin piece to solicit more input from the community.
- **Additional Items.**
  - Post-meeting-note from NOP: The petitioner of whey protein concentrate (WPC) was notified that the NOSB voted to remove WPC during the Fall 2021 sunset review, and has withdrawn the petition asking for removal. The agenda item was deleted from the table below.
- **The meeting was adjourned**

### [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

May 3, 2022 - canceled

May 17, 2022

TR requests for 2025 sunsets

Ion Exchange (KS) - discuss

June 7, 2022

Schedule discussion dates for remainder of 2024 sunsets

Schedule discussion dates for 2 petitioned substances

2024 Sunsets: Attapulgate (KH) - discuss/vote

2024 Sunsets: Diatomaceous earth (KH) - discuss/vote

2024 Sunsets: Casings (MJ) - discuss/vote

2024 Sunsets: Pectin (MJ) - discuss/vote

June 21, 2022

2024 Sunsets: Acidified sodium chlorite (CD) - discuss/vote

2024 Sunsets: Carbon dioxide (CD) - discuss/vote  
 2024 Sunsets: Magnesium chloride (KS) - discuss/vote  
 2024 Sunsets: Nitrogen (KS) - discuss/vote

July 5, 2022

2024 Sunsets: Sodium carbonate (DN) - discuss/vote  
 Research Priorities - discuss, finalize list for Materials Subcomm  
 Ion Exchange (KS) - discuss

July 19, 2022

August 2, 2022 – last call before proposals due

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	TBD	Fall 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 TBD	Fall 2022

## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	Fall 2022
Research Priorities	KS/All	RPs due to MS 7.11.22	7.5.22	Fall 2022
Ion Exchange	KS	<a href="#">NOP response memo sent to HS 8.10.21</a>	5.17.22 7.5.22	Fall 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgitite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	TBD	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR</a> (livestock). <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	6.21.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	TBD	“ “

Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	6.7.22	“ “
Pectin	205.606(o)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	6.7.22	“ “
Potassium acid tartrate	205.606(p)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	TBD	“ “

### Milestones

Fall 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~May 20, 2022
NOP - Draft Fall 2022 NOSB meeting agenda	Aug 5, 2022
NOSB - Fall 2022 proposals due to NOP	Aug 11, 2022
NOP - Post proposals	Aug 31, 2022
Public comment closes	Sep 29, 2022
NOP - Send compiled public comments to NOSB	~Oct 3, 2022
Public comment webinars	Oct 18 & 20, 2022
Fall 2022 NOSB meeting - Sacramento, CA	Oct 25 - 27, 2022
Final recommendations due	Nov 25, 2022

### 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 TR: <a href="#">2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023

Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend Annot 83 FR 66559 (Annotation change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">TR: 2006 (Gellan Gum)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “
Magnesium stearate	205.605(b)	AJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 5.17.22	“ “

Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides (FOS)	205.606(g)	MJ	N	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Lmt'd Scope	Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.17.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, April 5, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Kim Huseman (KH); Dilip Nandwani (DN); Mindee Jeffery (MJ), Vice Chair; Carolyn Dimitri (CD)

**Absent:** Wood Turner (WT); Logan Petrey (LP); Allison Johnson (AJ)

**Staff:** Michelle Arsenault (MA); Jared Clark (JC)

### Agenda

- Review notes: March 15
- Determine TR needs: Remaining 2025 sunsets
- Schedule discussion dates for 2024 sunsets and petitions
- Additional Items
- Adjourn

### Discussion

- **March 15 notes** were accepted as written
- **Determine TR needs:** The group determined TR needs for several 2025 sunsets, including lecithin, FOS, and sulfur dioxide. The HS is considering a limited scope TR for lecithin, with focused questions. The Subcommittee will assess the entire list again on a later call to rank the needs.
- **Schedule discussion dates for 2024 sunsets and petitions.** See below for scheduled dates.
- **Additional Items.** None.
- **The meeting was adjourned**

### [Previous HS Notes](#)

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

March 15, 2022

Determine TR needs: 2025 sunsets

April 5, 2022

Determine TR needs: Remaining 2025 sunsets

Schedule discussion dates for 2024 sunsets and petitions

April 19, 2022 - Cancelled. Conflicts with comment webinar.

May 3, 2022 - may cancel

Review/Rank need TR requests for 2025 TR

May 17, 2022

Ion Exchange (KS) - discuss proposal

June 7, 2022

2024 Sunsets: Attapulgate (KH) - discuss/vote

2024 Sunsets: Diatomaceous earth (KH) - discuss/vote

2024 Sunsets: Casings (MJ) - discuss/vote

2024 Sunsets: Pectin (MJ) - discuss/vote

June 21, 2022

2024 Sunsets: Acidified sodium chlorite (CD) - discuss/vote

2024 Sunsets: Carbon dioxide (CD) - discuss/vote

2024 Sunsets: Magnesium chloride (KS) - discuss/vote

2024 Sunsets: Nitrogen (KS) - discuss/vote

July 5, 2022

2024 Sunsets: Sodium carbonate (DN) - discuss/vote  
 Research Priorities - discuss, finalize list for Materials Subcomm

- July 19, 2022
- August 2, 2022
- August 16, 2022
- September 6, 2022
- September 20, 2022
- October 4, 2022
- October 18, 2022
- November 1, 2022
- November 15, 2022
- December 6, 2022
- December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations.	TBD	TBD
<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	WT	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22 2.1.22 2.15.22	Spr 2022



<a href="#">Phosphoric acid - amend annotation</a> <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 2.1.22	Spr 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 TBD	Fall 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 7.11.22	1.18.22 7.5.22	Spr 2022
Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 5.17.22	Fall 2022

### 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 6.7.22	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21 TBD	“ “

Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 6.7.22	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21 6.21.22	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21 6.21.22	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 7.5.22	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 6.21.22	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21 6.21.22	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 2.1.22 TBD	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21 6.7.22	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21 6.7.22	“ “
Potassium acid tartrate	205.606(q)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21 TBD	“ “

## Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	Mar 3, 2022
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	Mar 16-18, 2022
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022
NOP - Post proposals	Mar 3, 2022
Public comment closes	Apr 1, 2022
NOP - Send compiled public comments to NOSB	Apr 4, 2022
Public comment webinars	Apr 19 & 21, 2022
Spring 2022 NOSB meeting - Crystal City, VA	Apr 26 - 28, 2022
Final recommendations due	May 27, 2022

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Re quest?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend Annot</a> <a href="#">83 FR 66559 (Annotation change</a> <a href="#">FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Alginates	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ		Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.3.22	“ “
Magnesium stearate	205.605(b)	AJ		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 5.3.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide	205.605(b)	KS	Maybe	Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.3.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Fructooligosaccharides (FOS)	205.606(g)	MJ	Maybe	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.3.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(j)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	205.606(l)	MJ	Maybe	Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22 5.3.22	“ “
Tamarind seed gum	205.606(r)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(s)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, March 15, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Wood Turner (WT); Kim Huseman (KH); Dilip Nandwani (DN); Logan Petrey (LP);  
**Absent:** Allison Johnson (AJ); Mindee Jeffery (MJ), Vice Chair; Carolyn Dimitri (CD)  
**Staff:** Michelle Arsenault (MA)

### Agenda

- Review notes: March 1
- Determine TR needs: 2025 sunsets
- 2024 Sunset: Sodium carbonate - assign lead
- 2024 Sunset: Potassium acid tartrate - assign lead
- Additional Items:
  - Whey protein concentrate (removal from 205.606) - update on status. Final Rule removing WPC
  - Peroxylactic Acid (PoLA) - next stage
  - L-Malic acid reclassification - update on status
  - Ion Exchange - update on status
- Adjourn

### Discussion

- **March 1 notes** were accepted as written.
- **Determine TR needs: 2025 sunsets.** See table below. The HS will request 6 TRs and still has a few substances on which to decide.
- **2024 Sunset: Sodium carbonate.** Assigned to DN. MA will forward the document and the HS Chair will explain the process for presenting the discussion at the Spring 2022 NOSB meeting.
- **2024 Sunset: Potassium acid tartrate.** Assigned to AJ. MA will forward the document and the HS Chair will explain the process for presenting the discussion at the Spring 2022 NOSB meeting.
- **Additional Items:**
  - **Whey protein concentrate (removal from 205.606) - update on status.** The [Final Rule to remove whey protein concentrate](#) based on the NOSB sunset review was published and will be effective March 2024. NOP will let the petitioner know, as the petition to remove is now not necessary and they may want to withdraw.
  - **Peroxylactic Acid (PoLA) - next stage.** Will schedule a discussion date during the next call.
  - **L-Malic acid reclassification - update on status.** On hold. Involves excluded methods.
  - **Ion Exchange - update on status.** Discussion scheduled for the May 17 call.
- **The meeting was adjourned**

### [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted).**

March 1, 2022

Assign leads: 2025 sunsets

March 15, 2022

Determine TR needs: 2025 sunsets

April 5, 2022

Determine TR needs: Remaining 2025 sunsets

Schedule discussion dates for 2024 sunsets and petitions

April 19, 2022 - Cancelled. Conflicts with comment webinar.

May 3, 2022

May 17, 2022

Ion Exchange (KS) - discuss

June 7, 2022

June 21, 2022

July 5, 2022

July 19, 2022

August 2, 2022

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

### Work Agenda

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

### Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations. <a href="#">Final Rule effective Mar 2024</a>	3.15.22	TBD
<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	WT	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22 2.1.22 2.15.22	Spr 2022

				questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.		
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 <b>2.1.22</b> 2.15.22	Spr 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22 TBD	Fall 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 1.25.22	12.7.21 1.4.22 1.18.22	Spr 2022
Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 5.17.22	Fall 2022

### 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review:



						Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	DN	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR</a> (livestock). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 2.1.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR</a> (supplemental); <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “
Potassium acid tartrate	205.606(q)	AJ	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

## Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	Mar 3, 2022
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	Mar 16-18, 2022
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022

NOP - Post proposals	Mar 3, 2022
Public comment closes	Apr 1, 2022
NOP - Send compiled public comments to NOSB	Apr 4, 2022
Public comment webinars	Apr 19 & 21, 2022
Spring 2022 NOSB meeting - Crystal City, VA	Apr 26 - 28, 2022
Final recommendations due	May 27, 2022

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP	Y	Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation</a> <a href="#">change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT	N	Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Calcium hydroxide	205.605(b)	DN	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Ethylene	205.605(b)	LP	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ		Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22	“ “
Magnesium stearate	205.605(b)	AJ		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22	“ “
Phosphoric acid	205.605(b)	KS	N	Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH	Y	Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide - for use only in wine labeled “made with organic grapes,” ...	205.605(b)	KS		Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22	“ “
Xanthan gum	205.605(b)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides	205.606(f)	MJ		Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(i)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Lecithin - de-oiled	205.606(m)	MJ		Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22 4.5.22	“ “
Tamarind seed gum	205.606(t)	CD	N	Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(u)	CD	N	Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, March 1, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Wood Turner (WT); Carolyn Dimitri (CD); Kim Huseman (KH); Dilip Nandwani (DN); Logan Petrey (LP); Javier Zamora (JZ) - observer

**Absent:** Allison Johnson (AJ)

**Staff:** Jared Clark (JC); Michelle Arsenault (MA)

### Agenda

- Review notes: February 15
- Discuss April 2022 NOSB meeting
- Assign leads for 2025 sunsets
- Additional Items
- Adjourn

### Discussion

- **February 15 notes** were approved as written.
- **Discuss April 2022 NOSB meeting.** The group discussed the process for presenting sunset reviews, proposals, and discussion documents at the Spring meeting. The Chair will reassign two sunset reviews to the two new Handling Subcommittee members: Sodium carbonate and potassium acid tartrate.
- **Assign leads: 2025 sunsets.** The HS members chose 2025 sunset substances to review, and will determine TR requests on the next call. See table below for assignments.
- **Additional Items.** None
- **The meeting was adjourned**

### [Previous HS Notes](#)

#### Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted.)

February 15, 2022 - Last call before proposal deadline (2.16.22)

CPC (WT) - Discuss proposal/vote

Phosphoric acid - amend annotation (KS) - Discuss proposal

March 1, 2022

Assign leads: 2025 sunsets

March 15, 2022

Determine TR needs: 2025 sunsets

April 5, 2022

April 19, 2022 - Cancelled

May 3, 2022

May 17, 2022

June 7, 2022

June 21, 2022

July 5, 2022

July 19, 2022

August 2, 2022

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022  
 October 18, 2022  
 November 1, 2022  
 November 15, 2022  
 December 6, 2022  
 December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations.	TBD	TBD
<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	WT	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22 2.1.22 2.15.22	Spr 2022

<a href="#">Phosphoric acid - amend annotation</a> <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 2.1.22	Spr 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22	Fall 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 1.25.22	12.7.21 1.4.22 1.18.22	Spr 2022
Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 TBD	TBD

### 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	?	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 2.1.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “
Potassium acid tartrate	205.606(q)	?	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

## Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~Nov 12, 2021
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	Mar 16-18, 2022
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022
NOP - Post proposals	Mar 3, 2022
Public comment closes	Apr 1, 2022
NOP - Send compiled public comments to NOSB	Apr 4, 2022



Public comment webinars	Apr 19 & 21, 2022
Spring 2022 NOSB meeting - Crystal City, VA	Apr 26 - 28, 2022
Final recommendations due	May 27, 2022

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)	KH		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)	LP		Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gellan gum (high-acyl form only)	205.605(a)	CD		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Oxygen	205.605(a)	WT		Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium chloride	205.605(a)	WT		Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Alginates	205.605(b)	DN		Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Calcium hydroxide	205.605(b)	DN		Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Ethylene	205.605(b)	LP		Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Glycerides (mono and di)	205.605(b)	AJ		Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Magnesium stearate	205.605(b)	AJ		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Phosphoric acid	205.605(b)	KS		Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Potassium carbonate	205.605(b)	KH		Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Sulfur dioxide - for use only in wine labeled “made with organic grapes,” ...	205.605(b)	KS		Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Xanthan gum	205.605(b)	CD		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Fructooligosaccharides	<a href="#">205.606(f)</a>	MJ		Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	<a href="#">205.606(i)</a>	CD		Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “
Lecithin - de-oiled	<a href="#">205.606(m)</a>	MJ		Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Tamarind seed gum	205.606(t)	CD		Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>	3.15.22	“ “
Tragacanth gum	205.606(u)	CD		Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>	3.15.22	“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, February 15, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Wood Turner (WT); Logan Petrey (LP); Carolyn Dimitri (CD); Kim Huseman (KH)

**Absent:** None

**Staff:** Jared Clark (JC); Michelle Arsenault (MA)

### Agenda

- Review notes: February 1
- Cetylpyridinium chloride (CPC) petition (WT) - Discuss proposal and vote
- Phosphoric acid - amend annotation (KS) - Discuss proposal
- Additional Items
- Adjourn

### Discussion

- **February 1 notes**
- **Cetylpyridinium chloride (CPC) petition proposal (WT).** The lead summarized the Subcommittee review and questions for public comment. Members expressed support for the questions and are looking forward to public comment. The HS voted on the proposals and will submit the document for the Spring NOSB meeting.

Motion to classify cetylpyridinium chloride (CPC) as non-agricultural, synthetic

Motion by: WT

Seconded by: KS

Yes: 6 No: 0 Abstain: 0 Absent: 0 Recuse: 0

Motion to add cetylpyridinium chloride (CPC) § 205.605(b) with the following annotation: CPC can only be used in formulations with propylene glycol per FDA requirements.

Motion by: WT

Seconded by: KS

Yes: 0 No: 6 Abstain: 0 Absent: 0 Recuse: 0

- **Phosphoric acid - amend annotation (KS).** The lead indicated that the proposal for phosphoric acid may not be ready to be voted on at the full Board meeting, and the group discussed options for moving forward. The CS voted on the proposal on the February 1 call, and after some additional conversations and research, has some additional questions about use of phosphoric acid. Members discussed revising the document to be a discussion document to glean more feedback from stakeholders, or submitting the proposal as voted on during the last call, with the option to send it back to Subcommittee from the NOSB meeting for additional work, depending on what they are able to glean from public comment. The CS chose the latter option.
- **Additional Items.** None
- **The meeting was adjourned**

### [Previous HS Notes](#)

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted.)**

February 1, 2022

CPC (WT) - Discuss proposal

2024 Sunsets: Sodium phosphates (WT) - Discuss review  
 Phosphoric acid - amend annotation (KS) - Discuss proposal and vote  
 PoLA (LP) - TR sufficiency

February 15, 2022 - Last call before proposal deadline (2.16.22)  
 CPC (WT) - Discuss proposal/vote  
 Phosphoric acid - amend annotation (KS) - Discuss proposal

March 1, 2022  
 Review 2025 sunsets for TR requests

March 15, 2022  
 April 5, 2022  
 April 19, 2022  
 May 3, 2022  
 May 17, 2022  
 June 7, 2022  
 June 21, 2022  
 July 5, 2022  
 July 19, 2022  
 August 2, 2022  
 August 16, 2022  
 September 6, 2022  
 September 20, 2022  
 October 4, 2022  
 October 18, 2022  
 November 1, 2022  
 November 15, 2022  
 December 6, 2022  
 December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations.	TBD	TBD

<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	AB/WT	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22 2.1.22 2.15.22	Spr 2022
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 2.1.22	Spr 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22	Fall 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 1.25.22	12.7.21 1.4.22 1.18.22	Spr 2022

Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 TBD	TBD
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## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	AB	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 2.1.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “

Potassium acid tartrate	205.606(q)	SE/AB	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
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## Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~Nov 12, 2021
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	TBD
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022
NOP - Post proposals	Mar 3, 2022
Public comment closes	Apr 1, 2022
NOP - Send compiled public comments to NOSB	Apr 4, 2022
Public comment webinars	Apr 19 & 21, 2022
Spring 2022 NOSB meeting - Crystal City, VA	Apr 26 - 28, 2022
Final recommendations due	May 27, 2022

## 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)			Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation change FR) (2018);</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Gellan gum (high-acyl form only)	205.605(a)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Oxygen	205.605(a)			Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “



Potassium chloride	205.605(a)			Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Alginates	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Calcium hydroxide	205.605(b)			Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Ethylene	205.605(b)			Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Glycerides (mono and di)	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Magnesium stearate	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Phosphoric acid	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Potassium carbonate	205.605(b)			Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Sulfur dioxide - for use only in wine labeled “made with organic grapes,” ...	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “

Xanthan gum	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Fructooligosaccharides	205.606(f)			Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	205.606(i)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Lecithin - de-oiled	205.606(m)			Sunset date: 6/22/2025 <a href="#">TR: 2009</a> (Lecithin-bleached) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “
Tamarind seed gum	205.606(t)			Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>		“ “
Tragacanth gum	205.606(u)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## Handling Subcommittee (HS) Notes Tuesday, February 1, 2022 3:00 pm ET

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Wood Turner (WT); Logan Petrey (LP); Carolyn Dimitri (CD)

**Absent:** Kim Huseman (KH)

**Staff:** Jared Clark (JC); Michelle Arsenault (MA)

### Agenda

- Review notes: January 18
- Cetylpyridinium chloride (CPC) petition (WT) - Discuss proposal and vote
- 2024 Sunsets: Sodium phosphates (WT) - Discuss review
- Phosphoric acid - amend annotation (KS) - Discuss proposal and vote
- Peroxylactic Acid (PoLA) (LP) - TR sufficiency, discuss options
- Additional Items
- Adjourn

### Discussion

- **January 18** were accepted as written.
- **2024 Sunsets: Sodium phosphates (WT).** The lead summarized the use, manufacture, and previous review of sodium phosphates. Sodium phosphate is a synthetic, mined substance, and previous reviews mentioned potential health impacts. For the current review the HS will include questions for public comment regarding essentiality and alternatives. The lead will send the final document to the NOP.
- **Phosphoric acid - amend annotation (KS).** The lead summarized the proposal and the HS discussed adding some questions for public comment regarding alternatives. Members felt the modifications were acceptable and could move to a vote without circulating another draft document. The lead will modify the document and forward to the NOP.

Motion to amend the listing of phosphoric acid at § 205.605(b) to read: “cleaning of food-contact surfaces and equipment, and as an acidifier to adjust pH of an extraction solvent to extract antioxidants or other target molecules from lamiaceae plants, provided the amount of acid used shall not exceed the minimum needed to lower pH to 2.5.”

Motion by: KS

Seconded by: WT

Yes: 5 No: 0 Abstain: 0 Absent: 1 Recuse: 0

- **Cetylpyridinium chloride (CPC) petition (WT).** The lead summarized the draft review, previous discussion, and lingering issues such as residues and the use of CPC in conjunction with propylene glycol. The NOP pointed out similar listings, and noted that one potential path would be for the HS to annotate CPC to allow propylene glycol in CPC formulations as required by the FDA. The group will continue this discussion on the next call.
- **Peroxylactic Acid (PoLA) (LP).** The HS found the TR sufficient. The Subcommittee will develop a document over the summer and could bring a proposal to the Fall 2022 meeting.
- **Additional Items.** None.
- **The meeting was adjourned**

## [Previous HS Notes](#)

### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted.)**

January 18, 2022 - Last call before Research Priorities are due to MS (01.25.22)

2024 Sunsets

Sodium phosphates (WT) - Discuss review

Petitions

Phosphoric acid - amend annotation (KS) - Discuss proposal and vote

CPC (AB/WT) - Discuss proposal and vote

PLA (LP) - Discuss proposal and vote pending TR receipt and sufficiency determination

Research Priorities (KS)

February 1, 2022

CPC (WT) - Discuss proposal

2024 Sunsets: Sodium phosphates (WT) - Discuss review

Phosphoric acid - amend annotation (KS) - Discuss proposal and vote

PoLA (LP) - TR sufficiency

February 15, 2022 - Last call before proposal deadline (2.16.22)

CPC (WT) - Discuss proposal/vote

March 1, 2022

March 15, 2022

April 5, 2022

April 19, 2022

May 3, 2022

May 17, 2022

June 7, 2022

June 21, 2022

July 5, 2022

July 19, 2022

August 2, 2022

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

## Work Agenda

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

### Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations.	TBD	TBD
<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	AB/WT	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22 2.1.22 2.15.22	Spr 2022
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 2.1.22	Spr 2022
Peroxylic Acid (PoLA)	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22. TR found sufficient 2.1.22	5.18.21 6.1.21 8.3.21 2.1.22	Fall 2022

## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 1.25.22	12.7.21 1.4.22 1.18.22	Spr 2022
Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 TBD	TBD

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	AB	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR</a> (livestock). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 2.1.22	“ “

Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “
Potassium acid tartrate	205.606(q)	SE/AB	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

### Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~Nov 12, 2021
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	TBD
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022
NOP - Post proposals	Mar 3, 2022
Public comment closes	Apr 1, 2022
NOP - Send compiled public comments to NOSB	Apr 4, 2022
Public comment webinars	Apr 19 & 21, 2022
Spring 2022 NOSB meeting - Crystal City, VA	Apr 26 - 28, 2022
Final recommendations due	May 27, 2022

### 2025 Sunset Review

TR Requests (June 2022), Summary (Spr 2023), Review (Fall 2023)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Calcium carbonate	205.605(a)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">05/07/2020, 85 FR 27105</a>		Summary: Spr 2023 Review: Fall 2023
Flavors	205.605(a)			Sunset date: 6/22/2025 <a href="#">TR: 2005</a> <a href="#">2018/Fall - Rec to Renew</a> <a href="#">2015/Fall - Rec to Amend</a> <a href="#">Annot</a> <a href="#">83 FR 66559 (Annotation change FR) (2018)</a> ; <a href="#">05/07/2020, 85 FR 27105</a>		“ “

Gellan gum (high-acyl form only)	205.605(a)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> (Gums) <a href="#">TR: 2006</a> (Gellan Gum) <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Oxygen	205.605(a)			Sunset date: 6/22/2025 TR: NA <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Potassium chloride	205.605(a)			Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Alginates	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Calcium hydroxide	205.605(b)			Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Ethylene	205.605(b)			Sunset date: 6/22/2025 <a href="#">TAP: 1999</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Glycerides (mono and di)	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Magnesium stearate	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Phosphoric acid	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2021</a> <a href="#">TR: 2003</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Potassium carbonate	205.605(b)			Sunset date: 6/22/2025 <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “



Sulfur dioxide—for use only in wine labeled “made with organic grapes,” ...	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2011</a> <a href="#">TAP: 1995</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Xanthan gum	205.605(b)			Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Fructooligosaccharides	<a href="#">205.606(f)</a>			Sunset date: 6/22/2025 <a href="#">TR: 2015</a> <a href="#">TR: 2006</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Gums - water extracted only (Arabic; Guar; Locust bean; and Carob bean)	<a href="#">205.606(i)</a>			Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Lecithin - de-oiled	<a href="#">205.606(m)</a>			Sunset date: 6/22/2025 <a href="#">TR: 2009 (Lecithin-bleached)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “
Tamarind seed gum	<a href="#">205.606(t)</a>			Sunset date: 12/7/2025 <a href="#">TR: 2018</a> <a href="#">2018/Fall - Rec to Add</a>		“ “
Tragacanth gum	<a href="#">205.606(u)</a>			Sunset date: 6/22/2025 <a href="#">TR: 2018 (Gums)</a> <a href="#">2018/Fall - Rec to Renew 05/07/2020, 85 FR 27105</a>		“ “

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## **Handling Subcommittee (HS) Notes** **Tuesday, January 18, 2022 3:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Steve Ela (SE); Kim Huseman (KH); Wood Turner (WT); Asa Bradman (AB); Logan Petrey (LP); Carolyn Dimitri (CD)

**Absent:** None

**Staff:** Jared Clark (JC); Michelle Arsenault (MA)

### **Agenda**

- Review notes: January 4 and January 10
- Research Priorities (KS). Discuss/finalize
- Cetylpyridinium chloride (CPC) petition (AB/WT) - Discuss proposal and vote
- 2024 Sunsets: Sodium phosphates (WT) - Discuss review
- Phosphoric acid - amend annotation (KS) - Discuss proposal and vote
- PLA (LP) - Discuss proposal and vote (pending TR receipt and sufficiency determination).
- Additional Items
- Adjourn

### **Discussion**

- **January 4 and January 10 notes** were both approved as written
- **Research Priorities (KS).** The group discussed the proposed revisions to the research priorities document, specifically sanitizers, ancillary substances, and heavy metal testing. The Handling Chair will forward the list to the Materials Subcommittee for inclusion in the Research Priorities document for the Spring 2022 meeting.
- **Cetylpyridinium chloride (CPC) petition (AB/WT).** The lead discussed the draft proposal for CPC, which is a synthetic quaternary ammonia compound (QAC) being petitioned for use as an antimicrobial/sanitizer. The Handling Subcommittee discussed manufacturing processes, alternatives, and noted that CPC is approved by FDA for the uses it is being petitioned for, although it has not yet been listed as GRAS. The two leads will continue to talk about this document and WT will lead the project after AB's term ends on January 23. The HS will discuss and vote on the next call.
- **2024 Sunsets: Sodium phosphates (WT)** - Deferred to next call
- **Phosphoric acid - amend annotation (KS)** - Deferred to next call
- **PLA (LP) - Discuss proposal and vote** - Deferred to next call
- **Additional Items.** None.
- **The meeting was adjourned**

### **[Previous HS Notes](#)**

**Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted.)**

January 10, 2022 @ 12:00 PT/3:00 ET - Additional call to discuss CPC proposal

January 18, 2022 - Last call before Research Priorities are due to MS (01.25.22)

2024 Sunsets

Sodium phosphates (WT) - Discuss review

Petitions

Phosphoric acid - amend annotation (KS) - Discuss proposal and vote

CPC (AB/WT) - Discuss proposal and vote

PLA (LP) - Discuss proposal and vote pending TR receipt and sufficiency determination

Research Priorities (KS)

February 1, 2022

CPC (WT) - Discuss proposal and vote

2024 Sunsets: Sodium phosphates (WT) - Discuss review

Phosphoric acid - amend annotation (KS) - Discuss proposal and vote

PLA (LP) - Discuss proposal and vote

February 15, 2022 - Last call before proposal deadline (2.16.22)

March 1, 2022

March 15, 2022

April 5, 2022

April 19, 2022

May 3, 2022

May 17, 2022

June 7, 2022

June 21, 2022

July 5, 2022

July 19, 2022

August 2, 2022

August 16, 2022

September 6, 2022

September 20, 2022

October 4, 2022

October 18, 2022

November 1, 2022

November 15, 2022

December 6, 2022

December 20, 2022

### Work Agenda

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

### Petitioned Substances

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations.	TBD	TBD

<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	AB/WT	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22 2.1.22	Spr 2022
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 2.1.22	Spr 2022
Peroxlactic Acid ("PLA")	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21. TR sent to HS 1.18.22. Suff due 3.19.22	5.18.21 6.1.21 8.3.21 2.1.22	Spr 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 1.25.22	12.7.21 1.4.22 1.18.22	Spr 2022

Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 TBD	TBD
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## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	AB	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR (livestock)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR (phosphates)</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 2.1.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “

Potassium acid tartrate	205.606(q)	SE/AB	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
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## Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~Nov 12, 2021
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	TBD
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022
NOP - Post proposals	Mar 3, 2022
Public comment closes	Apr 1, 2022
NOP - Send compiled public comments to NOSB	Apr 4, 2022
Public comment webinars	Apr 19 & 21, 2022
Spring 2022 NOSB meeting - Crystal City, VA	Apr 26 - 28, 2022
Final recommendations due	May 27, 2022

Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## **Handling Subcommittee (HS) Notes** **Tuesday, January 10, 2022 3:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Steve Ela (SE); Kim Huseman (KH); Wood Turner (WT); Asa Bradman (AB); Logan Petrey (LP)

**Absent:** Mindee Jeffery (MJ), Vice Chair; Carolyn Dimitri (CD)

**Staff:** Jared Clark (JC); Michelle Arsenault (MA)

### **Agenda**

- CPC (WT/AB) - Discuss proposal
- Additional Items
- Adjourn

### **Discussion**

- **CPC (WT/AB).** The group discussed the petition and proposed uses for CPC. The lead noted some additional information on quaternary ammonium compounds (QACs) from the [biomonitoring.ca.gov](http://biomonitoring.ca.gov) program. Members discussed sanitizers in general and noted the difference between sanitizers used for cleaning equipment versus use on food, which is not disclosed on the label. A member shared guidance for inspections of sanitizers and highlighted that the difference for QACs is that they are persistent, and they leave residues. The HS will write a proposal for the Spring 2022 meeting.
- **Additional Items.** None.
- **The meeting was adjourned**

### [Previous HS Notes](#)

#### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted.)**

January 4, 2022

Petitions

Phosphoric acid - amend annotation (KS) - Discuss proposal

Research Priorities (KS) - Discuss list in order to send to MS by 01.25.22

January 10, 2022 @ 12:00 PT/3:00 ET - Additional call to discuss CPC proposal

January 18, 2022 - Last call before Research Priorities are due to MS (01.25.22)

2024 Sunsets

Sodium phosphates (WT) - Discuss review

Petitions

Phosphoric acid - amend annotation (KS) - Discuss proposal and vote

CPC (WT/AB) - Discuss proposal and vote

PLA (LP) - Discuss proposal and vote pending TR receipt and sufficiency determination

Research Priorities (KS)

February 1, 2022

February 15, 2022 - Last call before proposal deadline (2.16.22)

March 1, 2022

March 15, 2022

April 5, 2022

April 19, 2022

May 3, 2022

May 17, 2022  
 June 7, 2022  
 June 21, 2022  
 July 5, 2022  
 July 19, 2022  
 August 2, 2022  
 August 16, 2022  
 September 6, 2022  
 September 20, 2022  
 October 4, 2022  
 October 18, 2022  
 November 1, 2022  
 November 15, 2022  
 December 6, 2022  
 December 20, 2022

**Work Agenda**

\*Highlight indicates discussion. \*Highlight indicates action needed. \*Highlight indicates review completion and/or vote.

**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
<a href="#">Whey protein concentrate</a> (removal from 205.606)	205.606	SE/AB	Proposal	Petition sent to HS 12.23.19. Suff. due 2.29.20. HS sent additional questions to petitioner 2.04.20. Questions revised and resent 3.13.20. Response returned 3.23.20. Suff. due ASAP. Petition found suff. 7.07.20. ON HOLD pending completion of Fall 2020 sunset recommendations.	TBD	TBD
<a href="#">Cetylpyridinium chloride (CPC)</a>	205.605	WT/AB	Proposal	Petition sent to HS 1.13.20. Suff. due 3.13.20. HS sent additional questions to petitioner 3.17.20. Petitioner's responses sent to HS 5.4.20. Petition found suff. 5.19.20. TR requested 6.02.20. TR due mid-January. TR sent to HS 2.2.21. TR suff. due 4.3.21. HS sent additional questions to TR contractor 3.16.21. DRAFT TR sent to CS 6.28.21. TR sent to HS	5.19.20 06.02.20 07.21.20 3.16.21 8.3.21 9.21.21 1.10.22 1.18.22	Spr 2022



				8.5.21. TR suff. due 10.4.21. TR found suff. 9.21.21.		
<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 1.18.22	Spr 2022
Peroxylic Acid ("PLA")	205.605(b)	LP	Proposal	Petition sent to HS 4.07.21. Petition suff. due 6.6.21. Petition found suff. 6.1.21. TR requested 8.3.21. TR due to NOP 12.22.21	5.18.21 6.1.21 8.3.21 1.18.22	Spr 2022

### Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
L-Malic acid reclassification	TBD	Work agenda request 5.13.19. Sent to NOP 7.3.19. Approved by NOP 8.6.19. ON HOLD.	TBD	TBD
Research Priorities	KS/All	RPs due to MS 1.25.22	12.7.21 1.4.22 1.18.22	Spr 2022
Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 TBD	Spr 2022

### 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgit	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	AB	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Acidified sodium chlorite	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">2008 TAP</a> ; <a href="#">2013 TR</a> (livestock). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Carbon dioxide	205.605(b)	CD	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2006 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21 12.7.21	“ “
Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 1.18.22	“ “
Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR</a> (supplemental); <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “
Potassium acid tartrate	205.606(q)	SE/AB	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

## Milestones

Spring 2022 Milestones	Target dates (tentative)
NOP - Publish FRN, Open public comment	~Nov 12, 2021
NOSB - Spring 2022 proposals due to NOP	Feb 16, 2022
New NOSB member training	TBD
NOP - Draft Spring 2022 NOSB meeting tentative agenda	Feb 2, 2022
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Note: Subcommittee notes may include preliminary discussions regarding substances considered for addition to or removal from the National List. They do not represent official National Organic Program (NOP) policy/regulations or NOSB recommendations. Proposals must be voted on by the full Board, to become recommendations to the USDA. Please see the NOP website for official NOP policy, regulations, and status of substances used in organic production and handling.

## **Handling Subcommittee (HS) Notes** **Tuesday, January 04, 2022 1:00 pm ET**

**Present:** Kyla Smith (KS), Chair; Mindee Jeffery (MJ), Vice Chair; Carolyn Dimitri (CD); Steve Ela (SE); Kim Huseman (KH); Wood Turner (WT); Asa Bradman (AB)

**Absent:** Logan Petrey (LP)

**Staff:** Jared Clark (JC); Michelle Arsenault (MA)

### **Agenda**

- December 7, 2021 notes
- Petitions: Phosphoric acid - amend annotation (KS) - Discuss proposal and vote
- Research Priorities (KS) - Discuss list in order to send to MS by 01.25.22
- Additional Items
- Adjourn

### **Discussion**

- **December 7, 2021 notes** were accepted as written.
- **Research Priorities (KS)** - The lead shared the draft version of the research priorities document, and the group discussed several existing priorities, including sanitizers, BPA/packaging on organic products, ancillary substances, and alternatives to celery powder. Members addressed previous public comments with regard to sanitizers and discussed the relationship to occupational health, FSMA, and alternatives. The lead will revise the draft document and recirculate it prior to the next call.
- **Petitions: Phosphoric acid - amend annotation (KS)** - The lead summarized the petition to annotate phosphoric acid, and the group discussed and provided feedback on the draft proposal. The NOP will send some additional background information regarding a previous memo asking the NOSB to review phosphoric acid. The HS will discuss the document again on the next call.
- **Additional Items.** The HS members who are available will meet Monday, January 10, to have an informal discussion about CPC to help inform the proposal writing.
- **The meeting was adjourned**

### [Previous HS Notes](#)

### **Future call schedule (1<sup>st</sup> and 3<sup>rd</sup> Tuesdays 1:00 PM ET | 10:00 AM PT, except where noted.)**

December 7, 2021

2024 Sunsets

Bentonite (WT) - Discuss review

Magnesium chloride (KS) - Discuss review

Nitrogen (KS) - Discuss review

Potassium acid tartrate (SE) - Discuss review

Carbon dioxide (CD) - Discuss review

Additional Items

Status of 12.21.21 call

Research Priorities

Schedule remaining work agenda items

December 21, 2021 - canceled

January 4, 2022

Petitions

Phosphoric acid - amend annotation (KS) - Discuss proposal  
 Research Priorities (KS) - Discuss list in order to send to MS by 01.25.22  
 January 10, 2022 @ 12:00 PT/3:00 ET - Additional call to discuss CPC proposal  
 January 18, 2022 - Last call before Research Priorities are due to MS (01.25.22)  
 2024 Sunsets  
     Sodium phosphates (WT) - Discuss review  
 Petitions  
     Phosphoric acid - amend annotation (KS) - Discuss proposal and vote  
     CPC (WT/AB) - Discuss proposal and vote  
     PLA (LP) - Discuss proposal and vote pending TR receipt and sufficiency determination  
 Research Priorities (KS)  
 February 1, 2022  
 February 15, 2022 - Last call before proposal deadline (2.16.22)  
 March 1, 2022  
 March 15, 2022  
 April 5, 2022  
 April 19, 2022  
 May 3, 2022  
 May 17, 2022  
 June 7, 2022  
 June 21, 2022  
 July 5, 2022  
 July 19, 2022  
 August 2, 2022  
 August 16, 2022  
 September 6, 2022  
 September 20, 2022  
 October 4, 2022  
 October 18, 2022  
 November 1, 2022  
 November 15, 2022  
 December 6, 2022  
 December 20, 2022

**Work Agenda**

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**Petitioned Substances**

Substance	National List	Contact	Doc Type	Notes*	Scheduled, Discussed, Voted	Target meeting
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<a href="#">Phosphoric acid - amend annotation</a>  <a href="#">Addendum #1</a> <a href="#">Addendum #2</a>	205.605(b)	KS	Proposal	<a href="#">2003 TR</a> Petition sent to HS 1.28.20. Petition suff. due 3.28.20. HS sent additional questions to petitioner 3.17.20. Response sent to HS 4.6.20. HS sent additional questions to petitioner 5.6.20. Response sent to HS 8.10.20. Petition found sufficient 9.1.20. TR request sent 12.1.20. TR sent to HS 8.5.21. TR suff. due 10.4.21. TR found suff. 10.4.21	8.3.21 9.21.21 10.4.21 1.4.22 1.18.22	Spr 2022
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## Other Projects

Project	Contact	Notes*	Scheduled, Discussed, Voted	Target meeting
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Ion Exchange	KS	NOP response memo sent to HS 8.10.21	9.21.21 10.5.21 TBD	Spr 2022

## 2024 Sunset Review

TR Requests (June 2021), Summary (Spr 2022), Review (Fall 2022)

Substance	National List	Contact	TR Request?	Notes*	Scheduled, Discussed, Voted	Target meeting
Attapulgitite	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">2010 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	Summary: Spr 2022 Review: Fall 2022
Bentonite	205.605(a)	WT	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Diatomaceous earth	205.605(a)	KH	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
Magnesium chloride	205.605(a)	KS	N	Sunset date: 11.22.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2016 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Nitrogen	205.605(a)	KS	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “
Sodium carbonate	205.605(a)	AB	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.16.21	“ “
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Sodium phosphates	205.605(b)	WT	N	Sunset date: 10.30.24 TR: <a href="#">2001 TAP</a> ; <a href="#">2016 TR</a> (phosphates). <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 1.18.22	“ “

Casings	205.606(b)	MJ	N	Sunset date: 10.30.24 TR: N/A <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 11.2.21	“ “
Pectin	205.606(p)	MJ	N	Sunset date: 10.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2009 TR</a> ; <a href="#">2010 TR (supplemental)</a> ; <a href="#">2015 Limited Scope TR</a> . <a href="#">2017/Fall – Rec to REMOVE</a>	5.18.21 6.1.21 11.2.21	“ “
Potassium acid tartrate	205.606(q)	SE/AB	N	Sunset date: 05.30.24 TR: <a href="#">1995 TAP</a> ; <a href="#">2017 TR</a> . <a href="#">2017/Fall – Rec to Renew</a>	5.18.21 6.1.21 12.7.21	“ “

## Milestones

Spring 2022 Milestones	Target dates (tentative)
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