

## Butorphanol, a sedative

### ITEM A

Synthetic substances allowed for use in organic livestock production

### ITEM B

1. The substance's common name.

Butorphanol. Common trade name is Torbugesic.

3. The intended or current use of the substance such as use as a pesticide, animal feed additive, processing aid, nonagricultural ingredient, sanitizer or disinfectant.

Livestock medical treatment

4. A list of the crop, livestock or handling activities for which the substance will be used. If used for crops or livestock, the substance's rate and method of application must be described. If used for handling (including processing), the substance's mode of action must be described.

Synthetic narcotic used for surgical procedures. Possibly used in combination with xylazine and acepromazine.

12. A "Petition Justification Statement" which provides justification for one of the following actions requested in the petition:

A very effective synthetic narcotic. No ruminant bloat is associated with Butorphanol nor is there heavy sedation. An essential tool to be administered intravenously or intramuscularly by licensed Veterinarians in emergency situations for surgical situations. While Butorphanol, Xylazine and Acepromazine serve similar functions each has specific advantages making it the preferred treatment. Acepromazine has no analgesic activity, it is only a sedative. Butorphanol is a pain killer with no real sedative activity. Xylazine has both analgesic and sedative properties.