

## Potassium Sorbate, a preservative

### ITEM A

Synthetic substances allowed for use in organic livestock production

### ITEM B

1. The substance's common name.

Potassium Sorbate CAS# 590-00-1, 24634-61-5

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.

A mold inhibitor in liquid livestock medications. Potassium Sorbate is currently being reviewed as a mold inhibitor for a seed treatment. This is another instance where this incidental preservative is limiting the approval of valuable organic tools such as liquid aloe vera juice and other holistic type treatments in liquid form.

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.

Used to preserve Aloe Vera juice which is in turn used in a variety of dry products. The raw material will last less than a week without Potassium sorbate and over a year with. At an inclusion rate of <0.3% there is still not enough preservative effect to prevent the finished product from molding.

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

Potassium sorbate is used as a mold inhibitor in liquid aloe vera juice. Liquid aloe vera juice using potassium sorbate is currently certified organic by the Texas Department of Agriculture, a certification that is recognized by the USDA. The aloe vera juice containing the potassium sorbate is in compliance with the FDA for human use as a dietary juice and the aloe vera juice is recognized as a GRAS (Generally Regarded As Safe) product.

Aloe vera juice is a very good substitute for the use of antibiotics and hormones in livestock therapy. The aloe vera juice cannot be made to provide adequate shelf life without the use of potassium sorbate to prevent mold growth. The aloe vera juice is a very important holistic medicinal therapy for livestock producers to use on livestock for scours prevention on young calves, topical therapy for cuts, sore teat ends, uterine infections, local irrigation of surgical wounds, pneumonia, shipping fever, immune support, topical treatment of pinkeye, etc. Livestock producers need a clean, safe source of aloe vera and potassium sorbate makes that possible