



Safety Data Sheet

STABILIZER

1. Identification

1.1 Product identifier: Stabilizer

1.2 Other means of identification: Vaccine Stabilizer

1.3 Recommended use and restrictions on use:

For animal use only. This product is not for human consumption. Refer to safety data sheet regarding safety, usage, applications, hazards, procedures and disposal of this product before use.

1.4 Manufacturer: Aspen Veterinary Resources

1.5 Emergency Number (800) 424-9300 Chemtrec
Chemtrec is available Days, Nights, Weekends, and Holidays

2. Hazard Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Not a hazardous mixture.

2.2 GHS Label Elements

Signal Word: Warning

Hazard Statements:

May form combustible dust concentrations in the air.

Pictograms: None

Precautionary Statements:

Store in secured/locked area in cool dry conditions in a well-ventilated area.

Use non-sparking tools and take precautionary measures against static discharge.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fumes/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid release into environment.

If exposed seek medical advice/attention.

If on skin: remove contaminated clothing immediately and wash thoroughly with water.

If in eyes: rinse cautiously with water for at least 15 minutes. Remove contact lenses.
Individuals sensitive or allergic to milk should avoid contact.

2.3 Hazards not otherwise classified: Combustible dust

3. Composition/Information on Ingredients

3.1 Name: Stabilizer

3.2 Common name/synonyms: Vaccine Stabilizer

3.3 Hazardous components and concentrations in the mixture: Contains no hazardous materials.

4. First-Aid Measures

4.1 Necessary Measures

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse.
If irritation develops, seek medical attention.

Eyes: Immediately rinse eyes with running water for a minimum of 15 minutes.
If irritation develops, seek medical attention.

Ingestion: Do not induce vomiting unless directed to do so by a medical professional.
Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
Get medical attention.

Inhalation: Move to fresh air. Aid in breathing if necessary. Seek medical attention.

4.2 Symptoms and Effects: This mixture has not been tested as a whole. The most important symptoms and effects of exposure are listed in sections 2.2 and 11.

This product may cause allergic reactions in individuals allergic or sensitive to milk.

4.3 Indication of immediate medical attention and special treatment needed: Refer to section 4.1

5. Fire-fighting Measures

5.1 Suitable extinguishing media: Alcohol foam, carbon dioxide, dry chemical

5.2 Specific hazards arising from the chemical: Carbon oxides

5.3 Special protective equipment and precautions for fire-fighters: Use approved self-contained breathing apparatus with full facemask and full protective equipment in confined areas. Use water to keep fire-exposed containers cool.

6. Accidental Release Measures

6.1 Personnel precautions, protective equipment and emergency procedures:

- Avoid sources of heat, sparks, and open flame.
- Use local exhaust to control vapors and mists.
- Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
- Evacuate personnel to safe areas.
- For personal protection see section 8.

6.2 Methods and materials for containment and cleanup:

- Pickup and arrange disposal without creating dust.
 - Prevent further leakage or spillage if safe to do so.
 - Do not let product enter drains.
 - Discharge into the environment should be avoided.
 - Keep in suitable, closed containers for disposal.
 - For disposal see section 13.
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7. Handling and Storage

7.1 Precautions for safe handling:

- Practice good industrial hygiene when handling this product.
- Avoid inhalation of dust, vapor and mist.
- Keep away from sources of ignition.
- Do not smoke.
- Take measures to prevent the buildup of electrostatic charge.
- For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities:

- Keep container tightly closed in a dry and well-ventilated place.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Further processing of solid materials may result in the formation of combustible dusts.

Incompatibilities:

Oxidizers

8. Exposure controls/Personal Protection:

8.1 Components with workplace control parameters:

- Contains no substances with occupational exposure limit values.

8.2 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday. When at all possible, institute controls to minimize the exposure and risk of exposure by all means of contact.

8.3 Individual protection measures:

Eye/Face Protection:

Select tightly fitting safety goggles, safety glasses or faceshield (8-inch minimum) as appropriate. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.

Skin Protection:

Handle with gloves. Select gloves which are compatible with components listed in this mixture. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good industrial hygiene practices. Wash and dry hands.

Body Protection:

Clothing and the type of protective equipment must be selected according to the concentration and the amount of the dangerous substance at the specific workplace.

Respiratory Protection:

Where risk assessment shows air-purifying respirators are appropriate, use a full face respirator, dust mask or half-respirator with the appropriate respirator cartridges or filters as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH. Respirators must be selected with consideration to assessment of risk and in accordance with 29 CFR 1910.134.

9. Physical and Chemical Properties

9.1 Appearance:

Physical State: Free flowing granular powder

Color: Cream

9.2 Odor: Dried milk

9.3 Odor threshold: No data available

9.4 pH: No data available

9.5 Melting point/freezing point: No data available

9.6 Initial boiling point and boiling point range: No data available

9.7 Flash point: No data available

9.8 Evaporation rate: No data available

9.9 Flammability: No data available

9.10 Upper/lower flammability or explosive limits: No data available

9.11 Vapor pressure: No data available

9.12 Vapor density: No data available

9.13 Relative density: No data available

9.14 Solubility: Soluble in water

9.15 Partition coefficient: No data available

9.16 Auto-ignition temperature: No data available

9.17 Decomposition temperature: No data available

9.18 Viscosity: No data available

9.19 Specific Gravity: No data available

9.20 Bulk Density: No data available

10. Stability and Reactivity

10.1 Reactivity: No data available

10.2 Chemical stability: Stable at normal operating temperatures.

10.3 Possibility of hazardous reactions: No data available

10.4 Conditions to avoid:
Large quantities of dust suspended in the air or through further processing may present combustible dust hazards. Avoid static discharge and sources of heat, sparks or open flames.

10.5 Incompatible materials: Oxidizers

10.6 Hazardous decomposition products: In the event of fire: see section 5

11. Toxicological Information:

11.1 Likely routes of exposure:

Inhalation, skin contact and eye contact are likely. Ingestion is possible, but less likely.

11.2 Symptoms related to physical, chemical and toxicological characteristics: Refer to section 4.2

11.3 Delayed and immediate effects and also chronic effects from short- and long-term exposure: Refer to section 4.2

11.4 Numerical measures of toxicity: This mixture has not been tested for health effects or toxicity as a whole. Information for each ingredient is provided below. The GHS classification for this product has been calculated from the values of components in this mixture.

Acute toxicity:

No data available

Skin corrosion/irritation:

No data available

Serious eye damage/irritation:

No data available

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

No data available

Reproductive toxicity:

No data available

Specific target organ toxicity – single exposure:
No data available

Specific target organ toxicity – repeated exposure:
No data available

Aspiration hazards:
No data available

Carcinogenicity:
This product does not contain components that are classifiable to carcinogenicity based on NTP, IARC, ACGIH or OSHA classification.

12. Ecological Information:

This product has not been tested for the ecological considerations listed below. The information and data for components are listed individually for areas of ecological consideration below.

- 12.1 Ecotoxicity:
No data available

- 12.2 Persistence and degradability:
No data available

- 12.3 Bioaccumulative potential: No data available

- 12.4 Mobility in soil: No data available

- 12.5 Other adverse effects: Environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Consideration

- 13.1 Product:
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Determine waste status prior to disposal in accordance with federal, state and local regulations.

- 13.2 Contaminated packaging:
Dispose of as unused product

14. Transport Information

- 14.1 DOT (US)
Not dangerous goods
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15. Regulatory Information

- 15.1 SARA 302 components:
No chemicals in this mixture are subject to the reporting requirements of SARA Title III, Section 302.
- 15.2 SARA 313 components:
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
- 15.3 SARA 311/312 hazards:
No SARA hazards
- 15.4 New Jersey Right to Know components:
Whey from bovine milk
- 15.5 Pennsylvania Right to Know components:
Whey from bovine milk
- 15.6 Massachusetts Right to Know components:
No components are subject to the Massachusetts Right to Know Act
- 15.7 California Prop. 65 components:
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
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16. Other Information

- 16.1 Preparation information:
Revision: 1
Revision date: 5/19/2015
Approval date: 9/14/15
Replaces revision: Original
Replaces revision date: 10/22/2014
SDS code: 005
- 16.2 Further information:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. No expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product and not to such product in combination with any other product. The supplier disclaims all liability for actions taken for forgone reliance of such data.

