



Creation Date 07-Jul-2022

SAFETY DATA SHEET

Revision Number 5

1. Identification

Product Identifier

Product Name FerAppease® Bovine

Recommended use of the product and restrictions on use

Recommended Use

FerAppease Bovine Appeasing Substances is recommended for use in only healthy cattle for daily maintenance of balanced behaviour and prior to environmental stresses such as handling, transportation, temperature, etc. For cattle weighing above 90 kg (200 lb.), apply a total dose of 10 mL. Apply 5 mL of FerAppease Bovine Appeasing Substances to the nuchal skin and a second 5 mL application to the skin above the muzzle. For calves weighing less than 90 kg (200 lb.), apply a total dose of 5 mL. Apply 2.5 mL of FerAppease Bovine Appeasing Substances to the nuchal skin and a second 2.5 mL application to the skin above the muzzle. Apply FerAppease Bovine Appeasing Substances as a single dose (once) every 14 days. FerAppease Bovine Appeasing Substances is for topical administration to the nuchal skin and the skin above the muzzle.

Details of the supplier of the safety data sheet

Company

Fera Diagnostics and Biologicals Corp.
5900 Matrix, suite 10
College Station, Texas, 77845

Emergency Telephone Number

+1-979-213-6470

2. Hazard(s) identification

GHS Classification

Aspiration hazard Category – 1

Label Element

Hazard Symbol:



Signal Word: DANGER- Aspiration Hazard if it enters airways

Hazard Statements: H304 May be fatal if swallowed and enters airways

Precautionary Statement

Response: If SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
Avoid breathing vapors. If inhaled, remove person to fresh air
Wash thoroughly after handling

Keep out of reach of children
 Read label before use

Storage: Store Locked up
 Disposal: Dispose of contents / container in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

Mixture

Component	CAS-No	Weight %
Mineral Oil, USP grade	8042-47-5	89
FerAppease Active Blend [Proprietary Blend of Fatty Acids]	N/A	10
Mixed Tocopherols	10191-41-0	1
D&C Green #6 / CI61565 / Solvent Green 3	128-80-3	<0.1

4. First-aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Most important symptoms and effects No information available.

Notes to Physician Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media In case of fire use, use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable Extinguishing Media Caution! Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the substance or mixture No information available.

Hazardous Combustion Products Carbon Oxides.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal Precautions

Use personal protective equipment as required. Ensure adequate ventilation. Ensure that air-handling systems are operational.

Observe emergency procedures. Consult an expert.

Environmental Precautions

Should not be released into the environment. Prevent from reaching drains, sewer, or waterway.

Methods for Containment and Clean

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. Handling and storage

Handling Observe label. Ensure adequate ventilation.

Storage and incompatibilities Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces and sources of ignition. Store at room temperature. None incompatibility known based on information supplied.

8. Exposure controls / personal protection

Exposure Guidelines There is no exposure data pertaining to the product.

Engineering Measures Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Appropriate Engineering controls

Respiratory If vapor or mist is generated by heating or spraying, etc, wear an air purifying respirator with mist filter.

Eye/face Protection	Wear glasses with side shield or goggles in case of splashing.
Skin and body protection	No special protective equipment required.
Respiratory Protection	No protective equipment is needed under normal use conditions.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical State	Viscous liquid
Appearance	Blue-green
Odor	none
pH	5.2-7.5 100g/l aq. sol
Melting Point/Range	-36.3°C
Boiling Point/Range	343°C
Flash Point	176°C
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Vapor Pressure	<0.1 kPa at 20°C
Vapor Density	No information available
Solubility	Soluble in oil
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	336°C
Decomposition Temperature	No information available
Viscosity	12-13 cSt, at 40°C

10. Stability and reactivity

Reactive Hazard	Nonreactive under normal conditions.
Stability	Stable under normal conditions.
Conditions to Avoid	None known.
Incompatible Materials	None known based on the information supplied.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

11. Toxicological information

There is no data for this product. The information included in this section describes the potential hazards of the product.

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Eye Contact	Eye contact Specific test data for the substance or mixture is not available.
Inhalation	Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil, USP grade 8042-47-5	>5000mg/kg (Rat)	-	-

Information on toxicological effect

Symptoms No information available.

Delayed and immediately effects as well as chronic effects from short and long-term

exposure

Irritation No information available.

Sensitization No information available.

Carcinogenicity Not available.

Mutagenic Effects No information available.

Reproductive Effects No information available.

Developmental Effects No information available.

Teratogenicity No information available.

STOT - single exposure None known

STOT - repeated exposure None known

Aspiration hazard Aspiration hazard Category – 1

Symptoms / effects, both acute

anddelayed, Endocrine Disruptor No information available.

Information

Numerical measures of toxicity – Product information

Not applicable.

12. Ecological information

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility Not available.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

This product as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. Transport information

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. Regulatory information

International Inventories

TSCA Complies

U.S. Federal Regulations

SARA 313 Not applicable

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes (Aspiration hazard Category – 1)
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act) Not applicable

Clean Air Act	Not applicable
CERCLA	Not applicable
California Proposition 65	This product does not contain any Proposition 65 chemicals.
U.S. State Right-to-Know Regulations	
U.S. Department of Homeland Security	This product does not contain any DHS chemical
Label elements	For external use only

International regulations**Mexico****National occupational exposure limits**

Component :

Mineral Oil (CAS 8042-47-5)

Carcinogenic status :

Exposure :

Mexico TWA 5mg/m3 ; Mexico STEL 10mg/m3

Canada

Not determined.

16. Other information

Prepared By	Regulatory/Operations Office Fera Diagnostics and Biologicals Corp. Email: inquiry@feraah.com
Creation Date	07-Jul-2022
Revision Date	03-Jan-2025
Print Date	
Revision Summary	This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS