



Material Safety Data Sheet
Silver Sulfadiazine 1% Cream

Creation Date: July 9, 2009
Revision Date: October 28, 2010

1. Substance/preparation and Company identification	
<u>Company</u> Dr. Reddy's Laboratories 8800 Line Avenue Shreveport, Louisiana 71106, USA	<u>24 Hour Emergency Response Information</u> CHEMTREC: 1-800-424-9300

2. Composition information on the Ingredients		
CAS Number	Content (W/W)	Chemical Name
7732-18-5	60-80%	Water
8009-03-8	5-15%	Petrolatum
9004-99-3	3-7%	Ethoxylated stearic acid
112-92-5	3-7%	1-Octadecanol
36653-82-4	0-7%	Hexadecan-1-ol
57-55-6	1-5%	Propylene glycol
110-27-0	1-5%	Tetradecanoic acid, 1-methylethyl ester
22199-08-2	1%	Silver sulfadiazine

3. Hazard Identification
<u>Emergency Overview</u> Caution: May cause eye, skin, and respiratory tract irritation. Ingestion: May cause gastric disturbances. May cause sensitization by skin contact. Avoid contact with the skin, eyes, and clothing.
<u>Potential Health Effects</u> Primary routes of exposure Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
<u>Acute Toxicity</u> Ingestion may cause gastrointestinal disturbances.
<u>Irritation</u> Irritating to respiratory system. Irritating to eyes and skin.
<u>Repeated Dose Toxicity</u> Information on propylene glycol – repeated contact with propylene glycol may result in skin sensitization.
<u>Medical Conditions Aggravated by Overexposure</u> Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this product. See MSDS Section 11 – Toxicological Information

4. First-Aid Measures
<u>General Advice</u> Remove contaminated clothing

Material Safety Data Sheet
Silver Sulfadiazine 1% Cream

Creation Date: July 9, 2009
Revision Date: October 28, 2010

<p><u>If Inhaled</u> Remove the individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.</p>
<p><u>If on the Skin</u> Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.</p>
<p><u>If in the Eyes</u> In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.</p>
<p><u>If Swallowed</u> Rinse mouth and then drink plenty of water. Induce vomiting. Never induce vomiting or give anything by mouth of the person is unconscious or having convulsions. Immediate medical attention required.</p>
<p>5. Fire-Fighting Measures Flash point – no data available Autoignition – no data available</p>
<p><u>Suitable Extinguishing Media</u> Water, fog, foam, dry extinguishing media</p>
<p><u>Hazards During Firefighting</u> No particular hazards known</p>
<p><u>Protective Equipment for Fire-Fighting</u> Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.</p>
<p>6. Accidental-Release Measures</p>
<p><u>Personal Precautions</u> Wear appropriate respiratory equipment. Use personal protective clothing. Ensure adequate ventilation.</p>
<p><u>Environmental Precautions</u> This product is not regulated by RCRA. This product is not regulated by CERCLA (Superfund).</p>
<p><u>Cleanup</u> Spills should be contained and placed in suitable containers for disposal. Follow applicable State and Federal Regulations.</p>
<p>7. Handling and Storage</p>
<p><u>Handling</u> Protection against fire and explosion – no explosion proofing necessary</p>
<p><u>Storage</u> General advice – store at ambient temperature. Keep container tightly closed. Store in a light-impervious container.</p>

Material Safety Data Sheet
Silver Sulfadiazine 1% Cream

Creation Date: July 9, 2009
Revision Date: October 28, 2010

8. Exposure Controls and Personal Protection

Components with Workplace Control Parameters

Silver sulfadiazine – OSHA PEL 0.01 mg/m³ (as silver)
– ACGIH TWA 0.01 mg/m³ (as silver)

Advice on system design: Provide local exhaust ventilation to control dust.

Personal Protective Equipment

Respiratory protection – Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection – Chemical resistant protective gloves

Eye protection – Tightly fitting safety goggles (chemical goggles)

General safety and hygiene measures – Wear protective clothing as necessary to minimize contact. Avoid inhalation of dust. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form – semi-solid

Odor – faint odor

Color – White

pH value – No data available

10. Stability and Reactivity

Conditions to avoid: Avoid all sources of ignition, heat, sparks, and open flame.

Substances to avoid: No substances known that should be avoided.

Hazardous reactions: This product is chemically stable.

Decomposition products: No hazardous decomposition products known.

Thermal decomposition: No data available.

Corrosion to metals: No corrosive effect on metal.

11. Toxicological Information

Acute Toxicity

Oral: No data available concerning acute toxicity.

Inhalation: Irritating to the respiratory system.

Dermal: No data available concerning acute toxicity.

Skin Irritation: Prolonged exposure to the product can result in irritation of the skin and mucous membranes.

Sensitization: May produce an allergic reaction.

12. Ecological Information

Environmental Fate and Transport

Stability in water: No data available

Bioaccumulation: No data available

Environmental Toxicity

Acute and prolonged toxicity to fish: No data available concerning fish toxicity.

Toxicity to aquatic plants: No data available concerning toxicity to algae.

Toxicity to terrestrial plants: No data available.

13. Disposal Considerations

Waste disposal of substance: Do not discharge substance/product into the sewer



Material Safety Data Sheet
Silver Sulfadiazine 1% Cream

Creation Date: July 9, 2009
Revision Date: October 28, 2010

system. Dispose of according with national, state, and local regulations.
Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing, or other means to prevent unauthorized use of used containers.

14. Transport Information

Land transport: Not classified as a dangerous product under transport regulations according to USDOT.
Sea transport: Not classified as a dangerous good under transport regulations according to IMDG.
Air transport: Not classified as a dangerous good under transport regulations according to IATA/ICAO.

15. Regulatory Information

Federal Regulations
Registration status: TSCA, US released/exempt
OSHA hazard category: Chronic target organ effects reported, ACGIH TLV established

<u>CERCLA RQ</u> 1 pound	<u>CAS Number</u> 22199-08-2	<u>Chemical Name</u> Silver sulfadiazine
SARA hazard categories (EPCRA 3111/312): Acute, chronic SARA 313		
<u>CAS Number</u> 22199-08-2	<u>Chemical Name</u> Silver sulfadiazine	
<u>State Regulations</u> State RTK		
<u>CAS Number</u> 57-55-6 22199-08-2	<u>Chemical Name</u> Propylene glycol Silver sulfadiazine	<u>State RTK</u> PA NJ

16. Other Information

HMIS III Rating
Health: 2 Flammability: 1 Physical Hazard: 0
HMIS used a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard, a rating of 4 indicated high hazard.

Corporate Disclaimer: Dr. Reddy's Laboratories Louisiana, LLC. Provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a brief summary and general guide to the appropriate precautionary handling of this material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for any particular purpose. DR. REDDY'S LABORATORIES LOUISIANA, LLC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, DR. REDDY'S LABORATORIES LOUISIANA, LLC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.