



**Material Safety Data Sheet**  
**Silver Sulfadiazine 1% Cream AF**

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

<b>1. Substance/preparation and Company identification</b>	
<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

<b>2. Composition information on the Ingredients</b>		
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
57-55-6	1-5%	Propylene glycol
110-27-0	1-5%	Tetradecanoic acid, 1-methylethyl ester
22199-08-2	1%	Silver sulfadiazine

<b>3. Hazard Identification</b>
<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

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

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Remove the individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.
<u>If on the Skin</u> Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.
<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.
<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.
<b>5. Fire-Fighting Measures</b> Flash point – no data available Autoignition – no data available
<u>Suitable Extinguishing Media</u> Water, fog, foam, dry extinguishing media
<u>Hazards During Firefighting</u> No particular hazards known
<u>Protective Equipment for Fire-Fighting</u> Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
<b>6. Accidental-Release Measures</b>
<u>Personal Precautions</u> Wear appropriate respiratory equipment. Use personal protective clothing. Ensure adequate ventilation.
<u>Environmental Precautions</u> This product is not regulated by RCRA. This product is not regulated by CERCLA (Superfund).
<u>Cleanup</u> Spills should be contained and placed in suitable containers for disposal. Follow applicable State and Federal Regulations.
<b>7. Handling and Storage</b>
<u>Handling</u> Protection against fire and explosion – no explosion proofing necessary
<u>Storage</u> General advice – store at ambient temperature. Keep container tightly closed. Store in a light-impervious container.

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<b>8. Exposure Controls and Personal Protection</b>
<u>Components with Workplace Control Parameters</u> Silver sulfadiazine – OSHA PEL 0.01 mg/m <sup>3</sup> (as silver) – ACGIH TWA 0.01 mg/m <sup>3</sup> (as silver) Advice on system design: Provide local exhaust ventilation to control dust.
<u>Personal Protective Equipment</u> 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.
<b>9. Physical and Chemical Properties</b>
Form – semi-solid Odor – faint odor Color – White pH value – No data available
<b>10. Stability and Reactivity</b>
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.
<b>11. Toxicological Information</b>
<u>Acute Toxicity</u> 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.
<b>12. Ecological Information</b>
<u>Environmental Fate and Transport</u> Stability in water: No data available Bioaccumulation: No data available
<u>Environmental Toxicity</u> 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.
<b>13. Disposal Considerations</b>
Waste disposal of substance: Do not discharge substance/product into the sewer



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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**

<u>Federal Regulations</u> 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.

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