

Safety data sheet

SILVER SULFADIAZINE 1% CREAM

Revision date : 2008/03/04
Version: 1.2Page: 1/6
(136869/MDS_GEN_US/EN)

1. Substance/preparation and company identification

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

Synonyms: Silver Sulfadiazine Dry Cake

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
7732-18-5	>= 60.0 - <= 80.0 %	Water
8009-03-8	>= 5.0 - <= 15.0 %	Petrolatum
9004-99-3	>= 3.0 - <= 7.0 %	Ethoxylated stearic acid
112-92-5	>= 3.0 - <= 7.0 %	1-Octadecanol
36653-82-4	>= 3.0 - <= 7.0 %	hexadecan-1-ol
57-55-6	>= 1.0 - <= 5.0 %	Propylene glycol
110-27-0	>= 1.0 - <= 5.0 %	Tetradecanoic acid, 1-methylethyl ester
22199-08-2	>= 0.5 - <= 1.5 %	Silver sulfadiazine

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
INGESTION MAY CAUSE GASTRIC DISTURBANCES.
May cause sensitization by skin contact.
HAZARD OF POSSIBLE ADVERSE REPRODUCTIVE EFFECTS IN MALES BASED ON ANIMAL DATA.
HAZARD OF POSSIBLE ADVERSE REPRODUCTIVE EFFECTS IN FEMALES BASED ON ANIMAL DATA.
CONTAINS MATERIAL WHICH CAN CAUSE KIDNEY DAMAGE.
CONTAINS MATERIAL WHICH CAN CAUSE LIVER DAMAGE.
CONTAINS MATERIAL WHICH CAN CAUSE NERVOUS SYSTEM DAMAGE.
CONTAINS MATERIAL WHICH MAY CAUSE CANCER.
Avoid contact with the skin, eyes and clothing.
Ensure adequate ventilation.
Avoid inhalation of dusts.
Wear chemical resistant protective gloves.
Wear NIOSH-certified chemical goggles.
Eye wash fountains and safety showers must be easily accessible.

Potential health effects

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 liquified gases.

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Acute toxicity:

Ingestion may cause gastrointestinal disturbances.

Information on: Propylene glycol

Propylene glycol has been known to produce skin and mucous membrane irritation. Acute overexposures may result in CNS effects.

Irritation:

Irritating to respiratory system. Irritating to eyes and skin.

Repeated dose toxicity:

Information on: Propylene glycol

Repeated contact with propylene glycol may result in skin sensitization. Repeated oral exposures have been known to produce liver and kidney effects. Very high oral doses (16,000 mg/kg/day) in rats have been known to produce reproductive effects. However, doses equal to or less than 8,000 mg/kg produced no effects on birth rates. Propylene glycol has been found to be negative in several carcinogenicity studies with rats and mice.

Medical conditions aggravated by overexposure:

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.
See MSDS section 11 - Toxicological information.

4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

5. Fire-fighting measures

Flash point:

No data available.

Autoignition:

No data available.

Suitable extinguishing media:

water fog, foam, dry extinguishing media

Hazards during fire-fighting:

No particular hazards known.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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6. Accidental release measures

Personal precautions:

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

Environmental precautions:

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

Cleanup:

Spills should be contained and placed in suitable containers for disposal.

7. Handling and storage

Handling

Protection against fire and explosion:

No explosion proofing necessary.

Storage

General advice:

Store at ambient temperature. Keep container tightly closed. Store in a light-impervious container.

8. Exposure controls and personal protection

Components with workplace control parameters

Silver sulfadiazine	OSHA	PEL 0.01 mg/m ³ (silver (Ag));
	ACGIH	TWA value 0.01 mg/m ³ (silver (Ag));

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	
Odour:	faint odour	
Colour:	white	
pH value:		No data available.

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10. Stability and reactivity

Conditions to avoid:

Avoid all sources of ignition: heat, sparks, open flame.

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

The 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 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 concerning bioaccumulation.

Environmental toxicity

Acute and prolonged toxicity to fish:

No data available concerning fish toxicity.

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Toxicity to aquatic plants:

No data available concerning toxicity for algae.

Toxicity to terrestrial plants:

No data available.

13. Disposal considerations

Waste disposal of substance:

Do not discharge substance/product into sewer system.
Dispose of in accordance 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

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory information

Federal Regulations

Registration status:

TSCA, US released / exempt

OSHA hazard category:

Chronic target organ effects reported, ACGIH TLV established

CERCLA RQ

1 LBS

CAS Number

22199-08-2

Chemical name

Silver sulfadiazine

SARA hazard categories (EPCRA 311/312): Acute, Chronic

SARA 313:

CAS Number

22199-08-2

Chemical name

Silver sulfadiazine

State regulations

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State RTK

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
57-55-6	Propylene glycol	PA
22199-08-2	Silver sulfadiazine	NJ

16. Other information

HMIS III rating

Health: 2⁺ Flammability: 1 Physical hazard: 0

HMIS uses 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 four indicates high hazard.

Local contact information

prod_reg@basf.com

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