



GlyceRx™ Material Safety Data Sheet | MSDS

1. Hazard identification Emergency Overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY CAUSE DIFFICULTY BREATHING. PROLONGED OR REPEATED CONTACT MAY RESULT IN DERMATITIS. Contact with the eyes or skin may cause mechanical irritation. Contains material which may indicate/cause the possibility of sensory and pulmonary irritation. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. Use with local exhaust ventilation. Wear a NIOSH-certified (or equivalent) particulate respirator. Wear safety glasses with side-shields. Wear chemical resistant protective gloves. Wear protective clothing. 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.

2. First-Aid Measures

If inhaled: Keep patient calm, remove to fresh air. If necessary, give oxygen. If not breathing, give artificial respiration. Seek medical attention if necessary. Safety data sheet F200 Revision date : 2006/12/30 Page: 2/5 Version: 1.0 (30286124/MDS_GEN_US/EN) If on skin: After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists. If in eyes: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required. If swallowed: No hazards anticipated. If large quantities are ingested, seek medical advice.

3. Fire-fighting Measures

Flash point: Non-flammable.

Additional information: Use extinguishing measures to suit surroundings. Hazards during fire-fighting: No particular hazards known. Protective equipment for fire-fighting: Wear self-contained breathing apparatus and chemical-protective clothing.

NFPA Hazard codes: Health : 0 Fire: 0 Reactivity: 1 Special:

4. Handling and Storage

Handling General advice: Avoid dust formation in confined areas. Avoid contact with the skin, eyes and clothing. Ensure adequate ventilation. Storage General advice: Keep container tightly closed in a cool, well-ventilated place.

Storage stability: Keep container dry.

5. Exposure Controls and Personal Protection

Components with workplace control parameters OSHA PEL 5 mg/m³ Respirable fraction ; PEL 15 mg/m³ Total dust ; Aluminum oxide (Al₂O₃), hydrate ACGIH TWA value 10 mg/m³ ; Safety data sheet F200 Revision date : 2006/12/30 Page: 3/5 Version: 1.0 (30286124/MDS_GEN_US/EN) Advice on system design: Provide local exhaust ventilation to control dust. Personal protective equipment Respiratory protection: Wear a NIOSH-certified (or equivalent) particulate respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134). Hand protection: Wear chemical resistant protective gloves., Consult with glove manufacturer for testing data. Eye protection: Safety glasses with side-shields.

6. Physical and Chemical Properties

Form: powder, granules, pellets, balls Odour: odourless Colour: off white pH value: 9.4 - 10.1 Melting point: 2,050 °C

Solubility in water: insoluble

7. Stability and Reactivity

Substances to avoid: water Hazardous reactions: The product is chemically stable. Addition of water leads to increase in temperature.

8. Toxicological Information

Chronic toxicity Other information: No data available.

9. Ecological Information

Environmental toxicity Other ecotoxicological advice: No data available. Safety data sheet F200 Revision date : 2006/12/30 Page: 4/5 Version: 1.0 (30286124/MDS_GEN_US/EN)

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10. Disposal Considerations

Waste disposal of substance: Dispose of in accordance with local authority regulations. Check for possible recycling. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

11. 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

12. Regulatory information

Federal Regulations Registration status: TSCA, US released / listed OSHA hazard category: ACGIH TLV established SARA hazard categories (EPCRA 311/312): Acute SARA 313: CAS Number Chemical name 1333-84-2 Aluminum oxide (Al₂O₃), hydrate

13. Other information

HMIS III rating Health: 1 Flammability: 0 Physical hazard: 1 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. Please contact Schroeder Industries at 800-772-4810 for further information