



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. SS 994
Effective Date March 16, 1999

SECTION V HEALTH HAZARD DATA

SS 994

Threshold Limited Value

None established for this material by (ACGIH 1992-93). RTECS No. WK4990000
Streptomycin Sulfate: TXDS: Scu-rat LD50: 600 mg/kg; Oral-ham LD50: 400 mg/kg.

Effects of Overexposure

May cause skin irritation, eye irritation or sensitization through inhalation or contact. Ingestion may cause loss of hearing, blood in urine, dizziness, change in urination, nausea, thirst, loss of vision, ringing in ears, drowsiness and loss of appetite. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, give one or two glasses of water to drink. Call physician immediately. Never give anything by mouth to an unconscious person. **SKIN:** Flush with water, follow by washing with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X Excessive temperature and heat.

Incompatibility (Materials to Avoid)	Strong oxidizing materials, acids.
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Hazardous Decomposition Products	Thermal decomposition or burning emits carbon dioxide and/or carbon monoxide, oxides of nitrogen (NO _x).
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Use adequate ventilation. Collect in a manner that will not create dust. Place material in a suitable container for disposal. Avoid contact of material with skin and eyes. Wash spill area with soap and water.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
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Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, proper gloves, safety shower, eye wash station.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store under refrigeration. Do not inhale, ingest or allow to come in contact with skin and eyes. Use with adequate ventilation.
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Keep container tightly closed when not in use.

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Wash thoroughly after handling.
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 2	Date	3/16/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	STREPTOMYCIN SULFATE
Chemical Synonyms	Streptomycin Sesquisulfate
Formula	(C ₂₁ H ₃₉ N ₇ O ₁₂) ₂ ·3H ₂ SO ₄
Unit Size	up to 500 grams.
C.A.S. No.	3810-74-0

CHEMTREC
800-424-9300
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NFPA HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

Health	1
Fire	0
Reactivity	0

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Streptomycin Sulfate	100%	None established.

CAUTION! MAY BE HARMFUL IF INHALED OR SWALLOWED.

MAY CAUSE IRRITATION. FOR LABORATORY USE ONLY.

SECTION III PHYSICAL DATA

Melting Point (°F)	No data available.	Specific Gravity (H ₂ O = 1)	No data available.
Boiling Point (°F)	No data available.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	No data available.	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	No data available.		
Solubility in Water	Soluble.		
Appearance & Odor	White powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
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Extinguisher Media	Use suitable media to extinguish the supporting or surrounding fire.
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SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Under fire conditions, toxic oxides of nitrogen are emitted, can react with strong oxidizing materials.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20