

TREVIGEN®

MATERIAL SAFETY DATA SHEET

CHEMICAL IDENTIFICATION

PRODUCT NAME: 50X Mg²⁺

CATALOG NUMBERS: **4810-30-10**; 4810-30-CK; 4810-30-K; 4810-30-R; 4811-30-K; 4812-30-K

COMPOSITION/INFORMATION ON INGREDIENTS:

Magnesium Sulfate Solution

CAS#: none

SARA 313: No

HAZARDS IDENTIFICATION

Label Precautionary Statements: Avoid Ingestion. Target Organs: Central Nervous System. Ingestion can cause diarrhea; vomiting; CNS depression.

Emergency Overview:

HMIS RATING: Health: 0

Flammability: 0

Reactivity: 0

NFPA RATING: Health: 0

Flammability: 0

Reactivity: 0

FIRST AID MEASURES:

Eye exposure: In case of contact, flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

Oral exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Dermal exposure: In case of contact, immediately wash skin with soap and plenty of water.

Inhalation exposure: If inhaled, remove to fresh air. If breathing with difficulty, give oxygen. If not breathing, give artificial respiration. Call a physician.

FIRE FIGHTING MEASURES:

FLASH POINT N/A

AUTOIGNITION TEMP N/A

FLAMMABILITY N/A

EXTINGUISHING MEDIA

Suitable: Water spray, Carbon dioxide, dry chemical powder, or appropriate foam.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear laboratory coat, safety goggles, rubber boots, and heavy rubber gloves. Wash contaminated clothing thoroughly after handling and before reuse.

METHODS FOR CLEANING UP

Absorb on sand or vermiculate and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

HANDLING

Storage: -20 °C

STABILITY

Stable: stable.

Materials to Avoid: Strong oxidizing or reducing agents.

Hazardous decomposition products: Sulfur oxides, magnesium oxide

ROUTE OF EXPOSURE

Inhalation: May be harmful; material may be irritating to mucous membranes and upper respiratory tract.

Skin: May cause skin irritation. May be harmful if absorbed through the skin.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

CONTINUED ON NEXT PAGE

TARGET ORGAN(S) OR SYSTEM(S)

Central Nervous System.

DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix this liquid with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SHIPPING

DOT: Not Hazardous

IATA: Not Hazardous

REGULATORY INFORMATION**CANADA REGULATORY INFORMATION**

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and this MSDS contains all the information required by the CPR.

DSL: Yes

NDSL: No

OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product. This MSDS does not represent any guarantee of the properties of the product.

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