

TREVIGEN®

MATERIAL SAFETY DATA SHEET

CHEMICAL IDENTIFICATION

PRODUCT NAME: TACS-Nuclease™

CATALOG NUMBERS: 4800-30-15; 4810-30-K; 4811-30-K; 4812-30-K; 4823-30-K; 4826-30-K; 4827-30-K; 4828-30-BK; 4828-30-DK; 4828-30-N; 4829-30-K

COMPOSITION/INFORMATION ON INGREDIENTS:

Protease from <i>S. marcescens</i>	CAS#: none	SARA 313: No
Glycerol	CAS#: 56-81-5	SARA 313: No

HAZARDS IDENTIFICATION

Label Precautionary Statements: Avoid contact and inhalation. Target organ: Kidneys.

Emergency Overview:

HMIS RATING: Health: 1	Flammability: 0	Reactivity: 0
NFPA RATING: Health: 1	Flammability: 0	Reactivity: 0

FIRST AID MEASURES

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

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

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

Inhalation exposure: May be harmful if inhaled. 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 rubber gloves. Wash contaminated clothing thoroughly after handling and before reuse.

METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Contact a licensed professional waste disposal service to dispose of this material. Observe all Federal, State, and Local environmental regulations.

HANDLING

Keep tightly closed. Storage: -20 °C

STABILITY

Stable: stable.

Materials to Avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon oxides.

ROUTE OF EXPOSURE

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

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

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

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SENSITIZATION

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

TARGET ORGANS

Kidneys.

SIGNS AND SYMPTOMS OF EXPOSURE

Repeated exposure can cause: Nausea; headache; vomiting.

DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. 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**US CLASSIFICATION AND LABEL TEXT**

Safety statements: Caution: Avoid contact and inhalation.

Target Organs: Kidneys.

SARA 313: No

CANADA REGULATORY INFORMATION:

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

DSL: No

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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