

GHS Safety Data Sheet

Mat-HT-SS

1. Identification: Mat-HT-SS

Hydro Treatment
Manufacturer: Exacto, Inc.
200 Old Factory Road
Sharon, WI 53585

Emergency Phone: 262-456-5200
Email: customerservice@exactoinc.com

Mat-HT-SS is a grayish white liquid polyacrylamide used in the erosion control industry. There are no restrictions on use.
CAS# 25085-02-3

2. Hazards Identification:

Route of Entry: Inhalation, skin contact, eye contact, ingestion.

Inhalation: Material is not expected to be harmful if inhaled.
Skin: Causes moderate skin irritation.
Eye: May cause eye irritation.
Ingestion: Material is not expected to be harmful if ingested. If ingested, drink large quantities of water or milk and seek medical help. Do not induce vomiting.
NFPA: Health = 2, Fire = 1, Reactivity = 0.
OSHA Classification: 064742-47-8

3. Composition/Information on ingredients

Chemical or Common Name	Percent	CAS#
Polyacrylamide	76	25085-02-3
Hydrotreated Petroleum Distillate	<23	064742-47-8
Sodium Metabisulfite	<1	007681-57-4

4. First-aid Measures

Inhalation: Material is not expected to be harmful if inhaled. If irritated seek fresh air.
Skin Contact: Remove contaminated clothing. Without delay, wash skin with soap and water. Launder contaminated clothes.
Eye Contact: Flush immediately with plenty of water for 15 minutes. If irritation develops, get medical attention.
Ingestion: Material is not expected to be harmful if ingested. If ingested, drink large quantities of water or milk and seek medical help. Do not induce vomiting.

5. Fire-fighting measures

Flammability: Not applicable
Flash Point: >200°F
Flash Point Method: Pensky-Martens closed cup ASTM D93

Auto-ignition temperature:	Not applicable
Conditions to avoid:	None known
Flammable	Do not use water or foam directly on the fire. Extinguish with carbon dioxide or dry chemical. Use self-contained breathing apparatus when fighting any fire in an enclosed area.

6. Accidental release measures

Spilled material should be absorbed into an inert material and scooped up. The area should be thoroughly flushed with water. If slipperiness remains, apply more dry-sweeping compound.

7. Handling and Storage

Handling Precautions:	Do not use iron, copper or aluminum containers or equipment. Keep out of reach of children. Spilled material becomes very slippery when wet.
Storage Requirements:	Store in a cool dry place. Keep in original container tightly closed.

8. Exposure controls/personal protection

Engineering Controls: None required for outdoor mixing and application.

Personal Protective Equip:

Eye Protection:	Wear goggles or a face shield.
Gloves:	PVC Coated.
Respirators:	None required for normal use.
Footwear:	The product is slippery when wet. Wear appropriate footwear.

9. Physical and chemical properties

Appearance:	Grayish white viscous emulsion.
Physical State:	Viscous emulsion.
Odor:	Faint ammonia odor.
Specific Gravity/Density:	1.0 (± 105)

10. Stability and reactivity:

Stability:	Stable
Conditions to Avoid:	Materials which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.
Materials to Avoid:	Do not store in iron, copper or aluminum containers.
Hazardous Polymerization:	Will not occur

11. Toxicological Information

Toxicological information for the product is found under Section 2. HAZARDOUS INGREDIENTS. Toxicological information on the OSHA regulated components of this product is as follows:

Petroleum distillates, hydro treated light as acute oral (rat) and dermal (rabbit) LDD50 values of >5g/kg and >3.16g/kg respectively. Prolonged or repeated skin contact tends to remove skin oils, possibly leading to irritation and dermatitis. Direct contact may cause eye irritation. Overexposure to high vapor concentrations, >700 ppm are irritating to the eyes and respiratory tract and may cause headaches, dizziness, drowsiness and other central nervous system effects, including death. In a 90-day oral average study (rats) at 100, 500 or 1000 mg/kg, no treatment related mortalities were observed. There were no significant changes in body weights or food consumption in any dose groups. Increased liver weights were observed in male and female rats at 500 and 1000 mg/kg. Kidney effects, indicative of light hydrocarbon nephropathy, occurred in male rat kidneys at all dose levels. Histological findings of hepatocellular hypertrophy were seen in the livers of male rats at 1000 mg/kg and in female rats at 500 and 1000 mg/kg. All treatment related effects were reversible within the 4 week recovery period. Observed kidney effects (including hepatocellular hypertrophy or

enlarged liver cells) are direct consequence of the sustained high fat "hydrocarbon diet". NOAEL for this study was 1000 mg/kg.

12. Ecological Information

Marine Copepod (*Acartia tonsa*), 48 hr EC0: 7.4 mg/L, Marine Algae (*Skeletonema costatum*) 72 hr Ec50: 27 mg/L; Marine Amphipod (*Corophium volutator*); 10 day Lc50: Seawater BOD 28:P 13% OCTANOL/H²O PARTITION COEF: Not available.

13. Disposal Considerations

Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with federal, state or local regulations.

14. Transport Information

Department of Transportation Class: Not regulated.

15. Regulatory Information

Not regulated.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Prepared to GHS Rev 04 (2011): U.S., OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Work Safe, Japanese Industrial Standard JIS Z 7250.2000 and European Directives.

Regulatory Key Descriptions

- MASS = Massachusetts Hazardous Substances List
- NRCV = Nationally Recognized Carcinogens
- OSHAWAC = OSHA Workplace Air Contaminants
- PA = Patriot Right to Know List of Hazardous Substances
- TXAIR = Texas Air Contaminants with Health Effects Screening Level
- CERCLA = Superfund cleanup substance
- CSWHS = Clean Water Act Hazardous Substances
- EHS302 = Extremely Hazardous Substances
- HAP = Hazardous Air Pollutants
- NJEHS = New Jersey Extraordinarily Hazardous Substances
- NJHS = New Jersey Right to Know Hazardous Substances
- OSHAPSM = OSHA Chemicals Requiring Process Safety Management
- SARA313 = SARA 313 Title III Toxic Chemicals
- TSCA = Toxic Substances Control Act

Prepared by Mat, Inc.
12402 Hwy 2
Floodwood, MN 55736
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