ON TOP OF YOUR NEEDS
MOUNTAIN SUPPLY & SERVICE

SAFETY DATA SHEET
HT DEFOAM

1. CHEMICAL IDENTIFICATION

PRODUCT: HT DEFOAM POLYMERIC MIXTURE
PRODUCT: DeFoamer 1093242, 1016819
MATERIAL: Mountain Supply & Service, LLC Phone: 903-753-2400 420 N. Green
COMPANY: St. Suite A
Longview, TX 75601
Emergency telephone number: ChemTel: 800-255-3924

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.

Emergency Overview

Form: Liquid **Physical state:** Liquid **Color:** Clear to light amber **Odor:** Slight

OSHA Hazards:	No OSHA Hazards
Classification	Not a hazardous substance or mixture.
Labeling	Not a hazardous substance or mixture.
CARCINOGENICITY	
IARC	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: None established
Molecular formula: (C3H6O)nH2O
Contains no hazardous ingredients according to GHS.

4. FIRST AID MEASURES

General advice: No hazards which require special first aid measures.
If inhaled: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of skin contact: **In case of eye contact**: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

5. FIREFIGHTING MEASURES

Flash point:	185 °C (365 °F)
Autoignition temperature:	No data available
Special protective equipment for fire-fighters:	Wear self contained breathing apparatus for fire fighting if necessary.
Further information:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire and explosion protection:	Normal measures for preventive fire protection.
Hazardous decomposition products:	Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: If the product contaminates rivers and lakes or drains inform respective authorities.
Methods for cleaning up: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

HANDLING

Advice on safe handling: Avoid inhalation of vapor or mist. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

STORAGE

Requirements for storage areas and containers: Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage: No materials to be especially mentioned.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES: Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure.

Hand protection: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection: Eye wash bottle with pure water. Tightly fitting safety goggles.

Skin and body protection: Wear as appropriate:. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Lightweight protective clothing.

Hygiene measures: General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

APPEARANCE

Form:	Liquid
Physical state: Color:	Liquid Clear to light amber
Odor:	Slight

9. PHYSICAL AND CHEMICAL PROPERTIES (cont'd)

SAFETY DATA	
Flash point:	185 °C (365 °F)
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Oxidizing properties:	no
Autoignition temperature:	No data available
Thermal decomposition:	No data available
Molecular formula:	(C3H6O)nH2O
Molecular Weight:	Not applicable
pH:	Not applicable
Pour point:	No data available
Boiling point/boiling range:	No data available
Vapor pressure:	Not applicable
Relative density:	1, 25 °C(77 °F)
Water solubility:	Partly soluble
Partition coefficient: n-octanol/water:	No data available
Viscosity, kinematic:	No data available
Relative vapor density:	No data available
Evaporation rate:	No data available
Percent volatile:	< 0.1 %

10. STABILITY AND REACTIVITY

Chemical stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

POSSIBILITY OF HAZARDOUS REACTIONS

Conditions to avoid:	High Temperatures.
Materials to avoid:	May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Other data:	No decomposition if stored and applied as directed.
Thermal decomposition:	No data available
Hazardous decomposition products:	Carbon oxides
Other data:	No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

HT DEFOAM Acute oral toxicity: LD50: > 2,000 mg/kg
Species: rat
Method: OECD Test Guideline 401

HT DEFOAM Acute dermal toxicity: LD50: > 3,000 mg/kg
Species: rabbit
Method: OECD Test Guideline 402

HT DEFOAM Skin irritation: No skin irritation

HT DEFOAM Sensitization: Did not cause sensitization on laboratory animals.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

Toxicity to fish: LC50: > 100 mg/l
Exposure time: 96 h
Species: Danio rerio (Zebra Fish)
static test Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates: > 100 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
static test Method: OECD Test Guideline 202

Toxicity to algae: EC50: > 100 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae) static test Method: OECD Test Guideline 201

Elimination information (persistence and degradability)

Biodegradability: aerobic
Result: Readily biodegradable.
86.6 %
Testing period: 28 d
Method: OECD Test Guideline 301F

13. DISPOSAL CONSIDERATIONS

The information in this SDS pertains only to the product as shipped.
Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.
Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.
IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.
IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.
ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.
RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.
ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

15. REGULATORY INFORMATION

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.
SARA 302 Reportable Quantity: This material does not contain any components with a SARA 302 RQ.
SARA 302 Threshold Planning Quantity: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304 Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.
SARA 313 Ingredients: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CLEAN AIR ACT
Ozone-Depletion Potential: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

15. REGULATORY INFORMATION (cont'd)

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
: Polypropylene Glycol - 25322-69-4

US STATE REGULATIONS

Pennsylvania Right To Know:	No components are subject to the Pennsylvania Right to Know Act.
New Jersey Right To Know:	No components are subject to the New Jersey Right to Know Act.
California Prop. 65 Ingredients:	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. WARNING! This product contains a chemical known in the State of California to cause cancer. Propylene oxide 75-56-9

NOTIFICATION STATUS

Europe REACH:	On the inventory, or in compliance with the inventory.
United States of America TSCA:	On TSCA Inventory
Canada DSL:	All components of this product are oon the Canadian DSL.
Australia AICS:	On the inventory, or in compliance with the inventory.
New Zealand NZIoC:	On the inventory, or in compliance with the inventory. Notification number: HSR003037.
Japan ENCS:	On the inventory, or in compliance with the inventory.
Korea KECI:	On the inventory, or in compliance with the inventory.
Philippines PICCS:	On the inventory, or in compliance with the inventory.
China IECSC:	On the inventory, or in compliance with the inventory.

16. OTHER INFORMATION

NFPA Classification:

Health Hazard: 0
Fire Hazard: 1
Reactivity Hazard: 0

FURTHER INFORMATION
Legacy MSDS Number: 430500

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET
HT DEFOAM

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

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