

Safety Data Sheet



WC-393

AFSNA703

Section 1: Identification

Product Identifier

Product Name: WC-393

Product Code: AFSNA703

Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Hazard Communication & Compliance

Details of the supplier of the safety data sheet

Manufacturer TBM, INC.
8506 Herrington Court
Pevely, MO 63070
United States
fsptbm.com

Telephone (General) 800-825-1128
Fax 314-721-4519

Emergency telephone number
Manufacturer 800-424-9300 – CHEMTREC

Section 2: Hazard Identification

United States (US) / Europe (EU)

According to 29 CFR 1910 (OSHA HCS)

Classification - REGULATION (EC) No 1272/2008 This product is not classified as dangerous according to EC criteria.

Classification according to EU Directives 67/548/EEC or 1999/45/EC This product is not classified as dangerous according to EC criteria.

Classification of the substance or mixture GHS

Acute Toxicity, Oral (Category 4), H302

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

Label elements

Pictogram



Signal Word Warning

Hazard statements

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary statements

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product

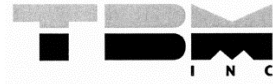
P280 Wear protective gloves/eye protection/face protection.

P301 & P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302 & P352 IF ON SKIN: wash with plenty of soap and water.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

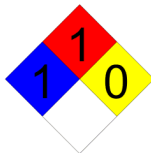
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- P330 Rinse mouth
- P332 & P313 if skin irritation occurs: Get medical advice/attention.
- P337 & P313 if eye irritation persists: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse
- P501 Dispose of contents/container to an approved waste disposal plant.
- Other hazards** None



NFPA

Section 3: Composition/Information on Ingredients

Mixtures

Component	Percentage	CAS Number	Sara Title III Section 313	Classification
Polypropylene glycol monobutyl ether	>90%	9003-13-8	NA	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; H302, H315, H319
Molybdenum Disulfide	<10%	1317-33-5	NA	Not hazardous (GHS)

SARA Title III Sections 302 and 304 This product is not listed at present levels that require reporting as a hazardous substance in 40 CFR Part 355

Section 313 This product does not contain toxic chemicals at levels that require reporting under 40 CFR Part 372

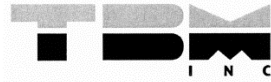
CAS-No. / EC-No. / Index REACH No. Amount Component Classification: REGULATION (EC) No 1272/2008 CAS-No. 9003-13-8 EC-No. 500-003-1 01- 2119492302- 43 >= 95.0 % Polypropylene glycol monobutyl ether## Not classified CAS-No. / EC-No. / Index Amount Component Classification: 67/548/EEC CAS-No. 9003-13-8 EC-No. 500-003-1 >= 95.0 % Polypropylene glycol monobutyl ether## Not classified.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation Short-term harmful health effects are not expected from vapor generated at ambient temperature. Overexposure to vapor, aerosol, or mist generated at high temperatures may cause respiratory tract irritation, dizziness, and nausea. Remove from exposure area to fresh air immediately. If breathing has stopped, have a qualified person perform artificial respiration. Keep the victim warm and at rest. Seek medical attention immediately.

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- Skin** Irritation is unlikely after brief contact. Prolonged contact may produce redness, itching, a burning sensation, drying and flaking of the skin. Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evident of chemical remains (approximately 15 to 20 minutes). Apply skin moisturizer. Seek medical attention immediately.
- Eye** May cause stinging and pain with excess tearing and mild redness. If wearing contact lenses, remove them and wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15 to 20 minutes). Seek medical attention immediately.
- Ingestion** Treat symptomatically. If victim is fully conscious, give two glasses of water. Do not induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. If signs or symptoms of toxicity are present, seek medical attention immediately.

Most important systems and effects, both acute and delayed

Skin contact may aggravate an existing dermatitis, Refer to Section 11 – Toxicological Information

Indication of any immediate medical attention and special treatment needed

Notes to Physician Low toxicity by swallowing. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g. gastric lavage after endotracheal intubation).

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media	Small fires use: Carbon Dioxide	Dry Chemical
	Large fires use: Water spray	All-purpose type foam

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards This material may produce a floating fire hazard in extreme fire conditions. Avoid breathing hazardous vapors. Combustion may produce the following products:

Hazardous Combustion Products Carbon Monoxide and/or Carbon Dioxide

Advice for firefighters

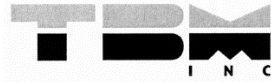
Move container from fire area, if it can be done without risk. Do not scatter spilled material with high-pressure water streams or direct a solid stream of water or foam into hot, burning pools. This may cause frothing and increase fire intensity. Dike fire-control water for later disposal.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH Approved or equivalent) or any supplied-air respirator that has a full face piece and is operated in a pressure-

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demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode. Wear full protective gear.

Environmental precautions Do not let product enter drains

Methods and material for containment and cleaning up

Containment/Clean-up Measures This product has a very low solubility in water and will float on the surface. Small spills can be flushed with large amounts of water. Avoid drainage of large spills to sewers or to natural waters. Stop leak, if it can be done without risk. Take up with sand or other absorbent material and transfer liquids and solid diking material to separate, suitable containers for recovery or disposal. Isolate area during cleanup. Dispose of in accordance with local, state, and federal laws and regulations.

Section 7: Handling and Storage

Precautions for safe handling

Handling Avoid contact with eyes, skin, and clothing. Avoid breathing vapor, aerosol, and mist. Do not swallow. Keep container closed when not in use. Use with adequate ventilation. Wash hands thoroughly after handling.

Conditions for safe storage, including and incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Control parameters Contains no substances with occupational exposure limit values

Exposure controls

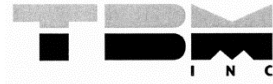
Engineering Measures/Controls PROCESS HAZARD – Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into hot equipment under a vacuum, may result in ignitions without the presence of sources. Published ‘auto ignition’ or ‘ignition’ temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated-temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

Personal Protective Equipment

Pictograms



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Respiratory	None required for low temperatures. If used at high temperatures, wear a MSHA/NIOSH approved (or equivalent) air-purifying respirator.
Eye/Face	Wear splash proof chemically resistant goggles
Hands	Wear nitrile or neoprene rubber gloves to protect against permeation. Gloves should be removed and replaced immediately if there is any sign of degradation or chemical breakthrough.
Skin/Body	Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

General Industrial Hygiene Considerations Always practice good hygiene by washing hands thoroughly after handling material.

Environmental Exposure Controls Do not let product enter drains.

Section 9: Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Appearance	Grayish Liquid	Pour Point (freezing point)	<-70 F (<-56 C)
Odor	Mild	Specific gravity (Water=1)	1.04
Evaporation Rate	NIL	pH-Value	ND
Boiling Point	>392 F (>200 C) (decomposes)	Vapor Pressure	<0.001 Kpa <0.01 mmHG
Flash Point Cleveland Open cup Pensky-Martens closed Cup	<430 F (<221 C) <305 F (<152 C)	Vapor Density (Air = 1)	>1.0
Ignition Temperature (auto-ignition temperature)	Refer to Section 8, Exposure Controls	Viscosity	ND
		Water Solubility	<0.1%

Section 10: Stability and Reactivity

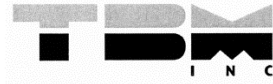
Reactivity No data available

Chemical Stability Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions Will not occur under normal temperatures and pressures.

Conditions to avoid No data availabel

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Incompatible materials Normally unreactive, however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds.

Hazardous decomposition products Thermal decomposition may release toxic and/or hazardous gases.

Section 11: Toxicological Information

Information on Toxicological Effects

Component Name	CAS	Data		
Polypropylene glycol monobutyl ether	9003-13-8			
Molybdenum Disulfide	1317-33-5			
Acute oral toxicity	LD50 rat	9100 mg/kg	LD50 Rabbit	23900 mg/kg
Acute dermal toxicity	LD50 rabbit	20 gm/kg		
Irritant effect on skin	Rabbit-open skin mild	500 mg		

Target Organs Eyes, Lungs, Skin

Route(s) of entry/exposure Material may enter through eye contact, inhalation, and skin contact.

Potential Health Effects

Inhalation No data available

Skin EPISKIN Human Skin model Test result: Irritating to skin.

Eye No data available

Ingestion No data available

Section 12: Ecological Information

Toxicity

Toxicity to fish static test LC50-Danio rerio (zebra fish) – 104 mg/l -96h (OECD Test Guideline 203)
Toxicity to algae static test EC50-Pseudokirchneriella subcapitata (Selenastrum capricornutum) – ca. 333 mg/l – 72h (OECD Test Guideline 201)

Persistence and degradability

No data available

Bio accumulative potential

No data available

Mobility in Soil

No data available

Other Averse effect

No data available

Section 13: Disposal Considerations

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Waste treatment methods

Product waste Incinerate in a furnace or otherwise dispose of in accordance with applicable Federal, State and Local requirements and regulations.

Packaging waste Empty containers should be recycled or disposed of through an approved waste management facility.

Note: Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options under the rules, regulations and/or laws applicable to your area.

Section 14: Transport Information

NON-BULK, Proper Shipping Name: Not regulated

BULK, Proper Shipping Name: Not regulated

DOT: None Identified

IMDG: None identified.

IATA: None identified.

Section 15: Regulatory Information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

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.

SARA 311/312 Hazards

CAS 9003-13-8 Acute Health Hazard

CAS 1317-33-5 No SARA Hazards

Massachusetts Right To Know Components

CAS 9003-13-8 not subject to

CAS 1317-33-5 Revision Date 1993-04-24

Pennsylvania Right To Know

CAS 9003-13-8

CAS 1317-33-5 Revision Date 1993-04-24

New Jersey Right To Know

CAS 9003-13-8

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CAS 1317-33-5 Revision Date 1993-04-24

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, Birth defects, or any other reproductive harm.

Section 16 – Other Information

Last Revision Date 03/26/2024

Preparation Date October 5, 2015

Disclaimer/Statement of Liability

The information contained herein is believed to be true and accurate, but is not guaranteed or warranted, either expressed or implied, whether originating with the company or not. Customers are advised to make their own determination as to the suitability for their particular application and to confirm that information is current.

Key to abbreviations

NDA = No Data Available