

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

PRODUCT NAME: **MetLube® D-Foamer**
PRODUCT USE: Anti-foaming agent (defoamer)

MANUFACTURER'S NAME: Pantheon Enterprises, Inc.
ADDRESS: 225 West Deer Valley Road
Phoenix, AZ 85027 USA
Safety Data Sheet Competent Person: safety@pantheonchemical.com

SUPPLIER'S NAME: Pantheon Enterprises, Inc.
ADDRESS: 225 West Deer Valley Road
Phoenix, AZ 85027

TELEPHONE NUMBER: 623-780-2296
TOLL FREE: 1-888-608-7888
FAX: 623-516-0414

EMERGENCY TELEPHONE NUMBER: Chemtrec 24 hrs: 1-800-424-9300
Information: 623-780-2296
Fax: 623-516-0414

DATE PREPARED: May 14, 2015
DATE REVIEWED: September 30, 2015

Section 2: Hazards Identification

OSHA/HCS Status: **Not hazardous.**
GHS label elements: None
GHS Signal Word: None

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Hazard(s) Not Otherwise Classified (HNOC): Not applicable
Potential Health Effects: 4.19% of the mixture consists of ingredient(s) of unknown acute toxicity.

NFPA RATINGS:

COMPONENT	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
MetLube® D-Foamer	1	1	0	--

HMIS RATINGS:

COMPONENT	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
MetLube® D-Foamer	1	1	0	--

Section 3: Composition / Information on Ingredients

Chemical nature of the product: Aqueous dispersion

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: First Aid Measures

Description of First Aid Measures

INHALATION:	Move victim to fresh air.
SKIN CONTACT:	Wash off immediately with soap and plenty of water.
EYE CONTACT:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if possible. If eye irritation persists: Seek medical attention.
INGESTION:	Clean mouth with water and drink plenty of water afterwards.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries After Inhalation:	No information available.
Symptoms/Injuries After Skin Contact:	No information available.
Symptoms/Injuries After Eye Contact:	No information available.
Symptoms/Injuries After Ingestion:	No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically
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Section 5: Fire-fighting Measures

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.
Hazardous combustion products	Thermal composition can lead to release of irritating gases and vapors.
Protective actions for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Further information	None.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Personal precautions:	Use personal protection equipment. Avoid contact with skin, eye, or clothing.
Protective precautions:	Ensure adequate ventilation. Avoid exceeding of the given occupational exposure limits (See Section 8)
Emergency procedures:	Evacuate personnel to safe areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak.

Methods and materials for containment and cleaning up

Methods for containment:	local authorities should be advised if significant spillages cannot be contained. Contain spillage, and then collect with non-combusitble absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (See Section 13).
Methods for clean-up:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent spills or contaminated rinse water from entering sewers or watercourses. Inform authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Reference to other Sections

See Sections 5 and 7 for additional information.

Section 7: Handling and Storage

Precautions for safe handling

Put on appropriate personal protective equipment (See Section 8).

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed.

Workers should wash hands and face before eating, drinking, and smoking.

See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Follow all applicable local regulations for handling and storage.

Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (See Section 10) and food and drink.

Keep from freezing. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully released and kept upright to prevent leakage.

Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Keep out of reach of children

Section 8: Exposure Controls/Personal Protection

Control Parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

Exposure controls

VENTILATION:

Ensure adequate ventilation, especially in confined areas.

RESPIRATORY PROTECTION:

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

EYE PROTECTION:

Safety glasses with side-shields. If splashes are likely to occur, wear tight sealing safety goggles.

SKIN PROTECTION:

Wear suitable protective clothing and gloves.

WORK/HYGIENE PRACTICES:

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

PROTECTIVE CLOTHING:

Wear suitable protective clothing to prevent skin contact.

OTHER EQUIPMENT:

Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9: Physical and Chemical Properties

APPEARANCE – COLOR:

White

PHYSICAL STATE:

Liquid

ODOR:

Mild

ODOR THRESHOLD:

Not available

pH:

7.0

MELTING POINT/FREEZING POINT:

Not available

INITIAL BOILING POINT AND BOILING RANGE:

100°C

FLASH POINT:

>100°C

EVAPORATION RATE:

Not available

FLAMMABILITY (Solid, gas):

Not available

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

Not available

VAPOR PRESSURE:

Not available

VAPOR DENSITY (AIR = 1):

Not available

RELATIVE DENSITY (@25 °C):

1.0 g/ml

SOLUBILITY (IES):

Emulsifiable

OXIDIZING PROPERTIES:

Not available

PARTITION COEFFICIENT: n-octanol/water:

Not available

AUTO IGNITION TEMPERATURE:

Not available

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY: <1500 cps @25°C
 CORROSIVE: Not available
 VOC content (%): Not available

Section 10: Stability and Reactivity

STABILITY: Stable under normal conditions.
 CONDITIONS TO AVOID: Keep at temperatures above 0°C (freezing point)
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, formaldehyde, silicon dioxide.
 HAZARDOUS POLYMERIZATION: Will not occur

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity	ATE _{MIX} , Oral ATE _{MIX} , Dermal LD50, Oral (Rat)	1,287,080.00mg/kg 151,421.00mg/kg >17000mg/kg		Product Product Organosilixane polymer
Skin Corrosion/Irritation	LD50, Dermal (Rabbit)	>2000mg/kg	May cause slight skin irritation.	Organosilixane polymer Product
Serious Eye Damage /Eye Irritation			May cause mild eye irritation	Product
Respiratory or Skin Sensitization		No information is available		
Germ Cell Mutagenicity		No information is available		
Carcinogenicity		Not listed	OSHA, IARC, NTP	
Reproductive Toxicity		No information is available		
STOST -- Single Exposure		No information is available		
STOST -- Repeated Exposure		No information is available		
Aspiration Hazard		No information is available		
Ames test		No information is available		

Section 12: Ecological Information

	Environmental Impacts	Chemical Constituents
Toxicity:	EC50: 220-520mg/L, Daphnia magna	Polyether-modified polysiloxane
Bioaccumulative potential	No information is available	
Persistence and degradability:	No information is available	
Mobility in soil:	No information is available	
PBT and vPvB assessment:	Not applicable	
Other adverse effects:	No information is available	

Note: 5.5454% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Section 13: Disposal Considerations

Disposal methods

Contain and dispose of waste according to local regulations

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of contents/containers in accordance with local regulations.

US EPA waste number

Product, as sold, is not a US EPA RCRA Waste.

Section 14: Transport Information

<u>DOT TRANSPORT:</u>		Not Regulated
<u>ADR = International Carriage of Dangerous Goods by Road</u>		Not Regulated
<u>RAIL TRANSPORT:</u>		Not Regulated
<u>SEA TRANSPORT:</u>	IMDG	Not Regulated
<u>AIR TRANSPORT:</u>	IATA/ICAO	Not Regulated

Special precaution for user: **Transport within user's premise** – always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and/or orders of TSCA.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

WARNING! This product contains a chemical known in the State of California to cause cancer. Impurities <0.1%.

The California proposition 65 chemical(s) contained in this product are: Toluene, Ethyl acrylate

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Illinois:	Toluene, ethyl acrylate
Massachusetts's hazardous substance(s):	Toluene, sodium hydroxide, ethyl acrylate
Pennsylvania hazardous substance code(s):	Toluene, sodium hydroxide, ethyl acrylate, propylene glycol
New Jersey	Toluene, sodium hydroxide, ethyl acrylate, propylene glycol

CLEAN AIR ACT AMENDMENTS (1990):

SECTION 112, HAZARDOUS AIR POLLUTANTS:

This substance is listed Hazardous Air Pollutant None

CLEAN WATER ACT:

None of the chemicals used in the product are listed as a Priority Pollutant in Appendix A to 40 CFR, Part 423—126 Priority Pollutants.

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

CANADA:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Canada Disclosure Lists:	Components not listed are non-hazardous
WHMIS-INFORMATION:	Non-controlled

EUROPEAN UNION:

All components of this product are listed on the European Community Inventory (EINECS/ELINCS)

AUSTRALIA:

AICS: All components are listed or exempted.

CHINA:

IECSC: All components are listed or exempted.

KOREA:

All components are listed or exempted.

NEW ZEALAND:

NZIoC: All components are listed or exempted.

JAPAN:

MEIT: All components are listed or exempted.

Section 16: Other Information

Revision Number: 2.0
Revision explanation: GHS compliant
Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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