

Issue Date: 20-Oct-2015

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name MIKE-O-THREAD SM-400 XHD

Other means of identification

SDS #

Item# E-3645-275

Recommended use of the chemical and restrictions on use

Recommended Use Metalworking lubricant.

Details of the supplier of the safety data sheet

Supplier Address

Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number

832-399-1000

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

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

Appearance Clear amber liquid

Physical State Liquid

Odor Mild Hydro- carbon oil

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Hazard Symbol

N/A

Signal Word

None

Precautionary Statements

PREVENTION

Observe good industrial hygiene practices

RESPONSE

Wash hand thoroughly after handling

STORAGE

Store away from incompatible materials.

DISPOSAL

Dispose of waste and residues in accordance with local authority requirements

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	<65

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash contact areas with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Inhalation	Remove from further exposure. Use adequate respiratory protection. Seek medical assistance
Ingestion	Do not induce vomiting without medical advice. Seek medical attention/advice.

Most important symptoms and effects

Symptoms	No significant symptoms are expected due to the non-classification of the product. See SECTION 11 for delayed and chronic effects.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames. DO NOT use stream of water (could cause fire to spread).

Combustion Products/Specific Hazards Smoke, Fume, Incomplete combustion products, Oxides of carbon.

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin or eyes.
Avoid breathing dust/fume/gas/mist/vapors/spray
See SECTION 8 for Personal Protective Equipment.

- Environmental Precautions** Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information.
- Methods for Clean-Up** Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal.

7. HANDLING AND STORAGE

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements.
- Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature > 40° F.
- Incompatible Materials** Oxidizing agents. Strong alkalis. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH	OSHA	NIOSH STEL
Mineral Oil, Hydrotreated heavy Naphthanic 64742-52-5	TWA: 5 mg/m ³ STEL: 10 mg/m ³	PEL: 5 mg/m ³ 8 hours (mist).	STEL: 10 mg/m ³ 15 minutes.

Legend: *ACGIH: American Conference of Governmental Industrial Hygienists* *TLV: Threshold Limit Value*
OSHA: Occupational Safety and Health Administration *PEL: Permissible Exposure Limit*
NIOSH: National Institute for Occupational Safety and Health *STEL: Short Term Exposure Limit*

Appropriate engineering controls

- Engineering Controls** Adequate ventilation. Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Safety glasses with side shields.
- Skin and Body Protection** Chemical or oil resistant clothing is recommended.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild petroleum
Appearance	Clear		

Color	amber /dark brown	Odor Threshold	Not determined
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	> 176.66 °C / > 350 °F		
Flash Point	> 400° F	Pensky-Martens Closed Cup (PMCC)	
Evaporation Rate	< 1		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	0.91-0.92		
Water Solubility	Insoluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	325 SUS		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Stable under recommended storage conditions.
Conditions to Avoid	Heat, flame
Incompatible Materials	Oxidizing agents. Strong acids.
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause temporary irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	May cause irritation to the mucous membranes and upper respiratory tract.
Ingestion	May cause gastrointestinal irritation or diarrhea.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute Effects	No data available
Chronic Effects	No data available

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Sensitization	May cause an allergic skin reaction.
Carcinogenicity	Carcinogenic potential is unknown.
Gem Cell Mutagenicity	No data available.
Reproductive Toxicity	No data available
Other information	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expect to be harmful to aquatic organism
Persistence/Degradability	Not determined.
Bioaccumulation	Mineral Oil, Hydrotreated (mild) Heavy Naphthenic 64742-52-5 Contains constituents with the potential to bioaccumulate
Mobility	Mineral Oil, Hydrotreated (mild) Heavy Naphthenic 64742-52-5 Liquid under most environmental conditions. Float in water If enters soil it will absorb to soil particles and will not be mobile
Other Adverse Effects	Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

<u>International Inventories</u>	No information available
TSCA	Listed

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

US Federal Regulations

- CERCLA** This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)
- SARA 311/312 Hazard Categories** Mineral Oil, Hydrotreated (mild) Heavy Naphthanic 64742-52-5
- SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
- CWA (Clean Water Act)** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

U.S. State Right-to-Know Regulations

No information available

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	1	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	1	0	Not determined

Issue Date: 20-Oct-2015
Revision Date:
Revision Note: New format

Disclaimer

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.