

Issue Date: 26-Jan-2017

Revision Date:

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** MIKE-O-THREAD SM-120

### Other means of identification

#### **SDS #**

Item# E-3620-55  
E-3620-275

### Recommended use of the chemical and restrictions on use

**Recommended Use** Metalworking fluid

### 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

**Appearance** Transparent  
Yellow to light amber

**Physical State** Liquid

**Odor** Mild petroleum

### Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
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### Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

### Signal Word

**Warning**

### Hazard Statements

Harmful if inhaled



### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

**Precautionary Statements – Response**

INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P312 Call a poison center or doctor/physician if you fell unwell

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	< 95

\*\*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**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing and lauder before reuse. If skin irritation occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove from further exposure and keep person at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause defatting of the skin. Coughing. Shortness of breath. Discomfort in the chest May cause irritation to the mucous membranes and upper respiratory tract See SECTION 11 for delayed and chronic effects.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use water fog, foam, dry chemical or carbon dioxide (CO <sub>2</sub> ) to extinguish flames. DO NOT use stream of water (could cause fire to spread)
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**Combustion Products/Specific Hazards**

A mixture of airborne solids, liquids and gases including smoke, fumes, carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

**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

<b>Personal Precautions</b>	Avoid contact with skin or eyes. Avoid breathing dust/fume/gas/mist/vapors/spray See SECTION 8 for Personal Protective Equipment.
<b>Environmental Precautions</b>	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.
<b>Methods for Clean-Up</b>	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**

<b>Advice on Safe Handling</b>	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.
<b>Storage Conditions</b>	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 5-40°C (41-104°F)
<b>Incompatible Materials</b>	Oxidizing agents. Strong alkalis. Strong acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**      Petroleum oil has an ACGIH TLV-TWA of 5 mg/m<sup>3</sup> 8 hours (mist).  
NIOSH STEL 10 mg/m<sup>3</sup> 15 minutes

Chemical Name	ACGIH	OSHA	NIOSH STEL
Mineral Oil, Hydrotreated Light Naphthanic 64742-53-6	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	PEL: 5 mg/m <sup>3</sup> 8 hours (mist).	STEL: 10 mg/m <sup>3</sup> 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**      Provide exhaust ventilation or adequate ventilation is required to keep airborne concentrations of vapors below their respective threshold limit value (TLV).  
Maintain eye wash fountain and quick-drench facilities in work area.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses with side shields.
<b>Skin and Body Protection</b>	Chemical or oil resistant clothing is recommended
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas.
<b>General Hygiene Considerations</b>	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. Remove contaminated clothing and lauder before reuse

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid		
<b>Appearance</b>	Transparent	<b>Odor</b>	Mild petroleum
<b>Color</b>	Yellow to amber	<b>Odor Threshold</b>	Not determined
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	Not determined		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	> 176.66 °C / > 350 °F		
<b>Flash Point</b>	> 148.88 °C / > 300 °F		Pensky-Martens Closed Cup (PMCC)
<b>Evaporation Rate</b>	< 1		
<b>Flammability (Solid, Gas)</b>	Not determined		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	< 1.0		(Air=1)
<b>Specific Gravity</b>	0.89-0.90		
<b>Water Solubility</b>	Nil		
<b>Solubility in other solvents</b>	Not determined		
<b>Dynamic Viscosity</b>	105-125 SUS		@ 38°C (100°F)
<b>Partition Coefficient</b>	Not determined		
<b>Auto-ignition Temperature</b>	Not determined		

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Incompatible Materials.
<b>Incompatible Materials</b>	Oxidizing agents. Strong alkalis. Strong acids.
<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

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

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h

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

**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** Toxic to aqua life with long lasting effect.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Distillates (PET), hydrotreated light naph CAS # 64742-53-6		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability** Not inherently biodegradable

**Bioaccumulation** Bioaccumulation is unlikely to be significant because of the low water solubility

**Mobility** Liquid under most environmental conditions. Float on water. If enters soil it will absorb to soil particles and will not be mobile

**Other Adverse Effects** No other adverse environmental effects (ozone depletion, photochemical ozone creation)

**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**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates, hydrotreated light naphthenic	X	X		X		X	X	X	X	X

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - 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, 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 the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories** Petroleum distillates, hydrotreated light naphthenic 64742-53-6  
Acute Health Hazard

**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**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	X	X	x

**16. OTHER INFORMATION**

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

**Issue Date:** 26-Jan-2017

**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.

**End of Safety Data Sheet**