

Issue Date: 14-Jul-2015

Review Date: 03-Mar-2021

Version 2

1. IDENTIFICATION

Product Identifier**Product Name** MIKE-O-THREAD LIGHT**Other means of identification****SDS #**ITEM# E-2003-14
E-2004-05
E-2005-55**Recommended use of the chemical and restrictions on use****Recommended Use** Cutting, grinding, thread cutting 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 Amber / Light brown**Physical State** Liquid**Odor** Mild**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal Word

No signal word

Hazard Statements

No statement

Symbol

N/A

Precautionary Statements

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|--|------------|----------|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | < 80 |

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 | Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician. |
| Skin Contact | Wash contact areas with soap and water. Remove contaminated clothing and launder before reuse. If skin irritation persists, call a physician. |
| Inhalation | Remove from further exposure. Use adequate respiratory protection. Seek medical assistance |
| Ingestion | Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician. |

Most important symptoms and effects

| | |
|-----------------|---|
| Symptoms | No significant symptoms are expected due to the non-classification of the product. No hazard is expected under intended use and appropriate handling |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Unsuitable Extinguishing Media DO NOT use stream of water (could cause fire to spread).

Combustion Products/Specific Hazard

In a fire or if heated, a pressure increase will occur and the container may burst. 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

Personal Precautions Avoid contact with skin or eyes.
Do not breathe dust/fume/gas/mist/vapors/spray.
See SECTION 8 for Personal Protective Equipment.

Environmental Precautions Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas.
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.
If the product contaminates rivers and lakes or drains inform respective authorities.
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 5-40°C (41-104°F) |
| Incompatible Materials | Oxidizing agents. Strong alkalis. Strong acids. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH | OSHA | NIOSH |
|---|--|--------------------------|-----------------------------|
| Distillates, Hydrotreated Napthanic 64742-52-5 | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ | 10 mg/m ³ 15 min |

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

Appropriate 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 | If contact is likely, safety glasses with side shields are recommended. |
| Skin and Body Protection | Chemical or oil resistant clothing is recommended. |
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. |
| General Hygiene Considerations | Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing and launder before reuse. See SECTION 4 for First-Aid Measure |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|---------------------|-----------------------|----------------|
| Physical State | Liquid | Odor | Mild |
| Appearance | Transparent | Odor Threshold | Not determined |
| Color | Amber / Light brown | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-----------------------------|------------------------|-------------------------|
| pH | N/A | |
| Boiling Point/Boiling Range | > 176.66 °C / > 350 °F | |
| Flash Point | > 149 °C / 300 °F | |
| Evaporation Rate | < 1.0 | (butyl acetate = 1) |
| Flammability (Solid, Gas) | Not determined | |
| Upper Flammability Limits | Not determined | |

| | | |
|------------------------------|-----------------------|-----------|
| Lower Flammability Limit | Not determined | |
| Vapor Density | Not determined | (Air=1) |
| Specific Gravity | 0.90 | (1=Water) |
| Water Solubility | insoluble | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Viscosity | 155 -165 SUS @ 100 °F | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |
| VOC Content (%) | Not determined | |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Reactivity | Reacts violently with strong alkaline substances. May react with reducing agents. |
| Chemical Stability | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions | None under recommended storage conditions or normal processing. |
| Conditions to Avoid | Heat, flame, incompatible materials. |
| 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 or minor irritation on eye contact. |
| Skin Contact | Prolonged contact may cause defatting of skin, redness and minor irritation. |
| Inhalation | Prolonged inhalation may be harmful. |
| 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 | Prolonged exposure may cause chronic effects |

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

| | |
|--------------------------------|---|
| Carcinogenicity | This product is not expected to be carcinogen by IARC, ACGIH, TP, or OSHA |
| Numerical measures of toxicity | Not determined |

Further Information Risk of chemical pneumonia after aspiration.

12. ECOLOGICAL INFORMATION

Ecotoxicity Not expect to be harmful to aquatic organisms.

Persistence/Degradability Not inherently biodegradable.

Bioaccumulation Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

Mobility 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

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 The component(s) this product complies with the inventory requirements by the countries:

| Chemical Name | TSCA | DSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|------|-----|--------|--------|------|-------|------|-------|------|
| PET distillate hydrotreated naphthenic | Y | Y | - | Y | Y | Y | Y | Y | Y |

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 contains 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 Hazardous Chemical Mineral Oil, Hydrotreated (mild) Heavy Naphthanic 64742-52-5
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

US State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| PET distillate hydrotreated naphthenic | X | X | X |

X; Not regulated

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: 14-Jul-2015
Revision Date: 31-May-2016
Revision Note: Update SEC 2

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