

Safety Data Sheet

Issue Date: 18-Jan-2016

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name MIKE-O-LUBE 110

Other means of identification

SDS #

Item # E-0110-01

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

Appearance Transparent
 Blue

Physical State liquid

Classification

Specific Target Organ Toxicity – Single Exposure (Respiratory)	Category 3
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B

Signal Word

WARNING

Hazard Statements

H335 May cause respiratory irritation

H315 Cause skin irritation

H320 Cause eye irritation



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in well-ventilated area
Do not get in eyes, on skin, or on clothing
Wash hand thoroughly after handling
Wear protective gloves / eye protection

Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or DOCTOR if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

None-known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Castor Oil	8001-79-4	40-60
Polyether polyphosphate	66121-17-3	1-5

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. Get medical attention immediately.
Skin Contact	Wash contact areas with soap and water. If skin irritation or rash occurs: Seek medical attention.
Inhalation	Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.
Ingestion	Do not induce vomiting. Seek immediate medical assistance

Most important symptoms, effects, and special treatment need

Symptoms	Eye contact may cause eye irritation, redness, tearing, blurred vision Prolonged skin contact may cause redness and irritation Maybe harmful if inhaled. Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea. See SECTION 11 for delayed and chronic effects
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames. Do not use stream of water as it spreads the fire.
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Specific Hazards Arising from the Chemical	Not determined.
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Hazardous Combustion Products	Carbon oxides and other oxides may be generated as products of combustion.
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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.
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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 Containment	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so If the product contaminates rivers and lakes or drains inform respective authorities. Absorb or cover with dry earth, sand or other non-combustible material.
Methods for Clean-Up	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. 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. Store away from heat and open flame. Storage temperature > 40° F.
Incompatible Materials	None-known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	No exposure limits noted for ingredient(s)
Engineering Controls	Adequate ventilation. Maintain eye wash fountain and quick-drench facilities in work area.
Eye/Face Protection	Safety glasses with side shields
Skin and Body Protection	Chemical / oil resistant clothing and gloves.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Avoid contact with skin and eyes. After handling this product, wash hands before eating, drinking, or smoking.
See SECTION 4 for FIRST AID if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild
Appearance	transparent	Odor Threshold	Not determined
Color	Blue		
Property	Values	Remarks • Method	
pH	N/A		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	> 220 °C / > 428 °F	TCC	
Evaporation Rate	< 1.0		
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	0.85		
Water Solubility	insoluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Viscosity	100-110 SUS		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	None-known.
Incompatible Materials	None-known
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Eye Contact	May cause eye irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	Overexposure may be harmful.
Ingestion	May be harmful if swallowed.
Symptom	See SECTION 4 for symptoms

Acute/Chronic Effect	No data available
STOT- Single/repeated exposure	No data available
Carcinogenicity	Carcinogenic potential is unknown
Mutagenicity	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product maybe harmful to plant and animal life is released into environment.
Persistence/Degradability	Not determined.
Bioaccumulation	Not determined.
Mobility	Not determined
Other Adverse Effects	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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>	The component(s) of this product are listed on the chemical inventories of the following countries
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Chemical Name	TSCA	DSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Castor Oil	Y	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, 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

CASTOR OIL CAS#8001-79-4 Acute 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

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
Castor Oil 8001-79-4	Y		Y

16. OTHER INFORMATION**NFPA****Health Hazards**

1

Flammability

1

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

1

Physical Hazards

0

Personal Protection

Not determined

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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