

Issue Date: 24-Jun-2015

Revision Date:

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** MIKE-O-CUT ALUMINUM

**Other means of identification**

**SDS #**

Item # D-1220-04  
 D-1221-08  
 D-1222-16  
 D-1223-14  
 D-1224-05  
 D-1225-55

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

**Recommended Use** Tapping and drilling aluminum and other non-ferrous metals.

**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** Clear,  
 Yellow / amber

**Physical State** Liquid

**Odor** Mild

**Classification**

Skin corrosion/ irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure- Respiratory)	Category 3

**Signal Word**

**WARNING**

**Hazard Symbol**



**Hazard Statement**

Cause skin irritation.  
Cause eye irritation.  
May cause respiratory irritation.

**Precautionary Statement - Prevention**

Do not breath dust/fume/gas/mist/vapors/spray.  
Do not get in eyes, on skin, or on clothing.  
Wear protective clothes/ protective gloves/ eye protection.

**Precautionary Statement – Response**

IF SWALLOWED: Rinse mouth. Do not induce vomiting.

**Hazard(s) not otherwise classified** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Castor Oil	8001-79-4	1-20

\*\*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>	Flush immediately with copious amounts of water for 15 minutes. If irritation persists, see physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention for further treatment.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

**Most important symptoms and effects**

**Symptoms** May cause skin and eye irritation.

**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 (CO<sub>2</sub>) to extinguish flames.

**Unsuitable Extinguishing Media** Do not use straight streams.

**Specific Hazards Arising from the Chemical** Risk of ignition.

**Hazardous Combustion Products** Oxides of carbon, smoke, fumes.

**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, protective equipment and emergency procedures**

<b>Personal Precautions</b>	See Section 8 for Personal Protective Equipment.
<b>Environmental Precautions</b>	See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. Absorb or cover with dry earth, sand or other non-combustible material.
<b>Methods for Clean-Up</b>	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

**Precautions for safe handling**

<b>Advice on Safe Handling</b>	Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	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.
<b>Incompatible Materials</b>	Strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Not determined.

**Appropriate engineering controls** Maintain eye wash fountain and quick-drench facilities in work area.

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

<b>Eye/Face Protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin and Body Protection</b>	Handle in accordance with good industrial hygiene and safety practice..
<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. If needed, take first aid action shown on section 4 of this SDS.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow / Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	> 392 °F / 2002 °C	
Flash Point	Not determined	
Upper / lower Flammability Limits	Not determined	
Flammability (Solid, Gas)	Not flammable	
Evaporation Rate	< 1.0	
Vapor Pressure	< 0.04 mm Hg	
Vapor Density	> 1	(Air=1)
Specific Gravity	0.87-0.89	(1=Water)
Water Solubility	insoluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Dynamic Viscosity	Not determined	
VOC Content (%)	Not determined	
Explosive Properties	Not determined	
Oxidizing properties	Not determined	
Viscosity	40-50 SUS @ 100°F	

**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** Incompatible materials and excessive heat.

**Incompatible Materials** Strong alkalis, certain oxidizing agents.

**Hazardous Decomposition Products** Methanol may be formed if this material is hydrolyzed or saponized.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Eye Contact</b>	May temporary causes eye irritation.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Inhalation</b>	Not expected to be an inhalation hazard under normal conditions of intended use.
<b>Ingestion</b>	May cause gastrointestinal disturbances including irritation, nausea, and diarrhea.

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

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

<b>Carcinogenicity</b>	This product is not expected to be carcinogen by IARC, ACGIH, TP, or OSHA
<b><u>Numerical measures of toxicity</u></b>	Not determined

## 12. ECOLOGICAL INFORMATION

<b><u>Ecotoxicity</u></b>	Not classified for aquatic toxicity.
<b><u>Persistence/Degradability</u></b>	Readily biogradable.
<b><u>Bioaccumulation</u></b>	Not determined.
<b><u>Mobility</u></b>	This product is insoluble and floats on water.
<b><u>Other Adverse Effects</u></b>	Not determined

## 13. DISPOSAL CONSIDERATIONS

### **Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Empty remaining contents. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. Dispose of as unused product.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

<b><u>International Inventories</u></b>	Not determined.
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### **Legend:**

*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**

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**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

**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)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product is not known to contain any hazardous air pollutants (HAPS) under Sec112 of the Clean Air Act

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**16. OTHER INFORMATION**

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

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**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**