



SAFETY DATA SHEET

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Version: 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Barracuda™ Triple Action Lubricant

Other Means of Identification

SDS #: None

Recommended Use: Metal Working Fluid

Restrictions on Use: No Data

Supplier of the Safety Data Sheet including Address:

JTM Products, Inc.
31025 Carter Street
Solon, OH 44139

Emergency Telephone Number

Company Phone Number

Phone: 1-800-229-6744, 1-440-287-2302

Fax: 1-440-287-3095

Emergency Telephone

Chemtel 1-800-255-3924

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Target Organs: Respiratory System

GHS Classification:

Aspiration Hazard – Category 1

Flammable Liquids – Category 4

Skin Sensitizer – Category 1

Label Elements, including precautionary statements

Pictograms:



Signal Word: Warning, Danger

Hazard Statements:

H317 May cause an allergic skin reaction.

- H227 Combustible liquid.
 H304 May be fatal if swallowed and enters airways.

Precautionary Statement(s)**Prevention:**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P370+P378 In case of fire use dry chemical, O2, water spray or foam.
 Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces. –
 No smoking.
 P261 Avoid breathing fume/mist/gas/vapours/spray.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P280 Wear protective gloves.

Response:

- P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P321 Specific treatment (see label).
 P362+P364 Wash contaminated clothing before reuse
 P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 Do NOT induce vomiting.

Storage:

- P403 Store in a well-ventilated place. Keep container tightly closed. Keep cool.
 P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national regulations.

Hazards Not Otherwise Classified: May cause eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Percent by weight, %
Distillates (petroleum), hydrotreated light	64742-47-8	40-50
Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	35-45

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If not breathing, give artificial respiration. Consult a physician.

Continued, First Aid Measures

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs, get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

Specific Hazards Arising from the Chemical

In a fire or if heated a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous Combustion Products

Hazardous combustion products may include: toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones.

When heated, hazardous gasses may be released including: sulfur dioxide. A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information.

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective gear for firefighting.

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Further Information

See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

In case of spill, evacuate the area and remove all ignition sources. Do not expose to heat, flames, or ignition sources. Material is slippery. Do not walk through spilled material. Wear appropriate personal protective equipment during any cleanup and response activities.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up

Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national/international regulations for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

General information:

Wash hands after use.
Do not get in eyes, on skin, or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for Safe Storage, Including any Incompatibilities

Safe Storage:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibilities: None Known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limits

Chemical Name	Type	Exposure Limit Values	Source
Distillates (petroleum), hydrotreated light	TWA	200 mg/m ³	ACGIH TLV (Unites States, 3/2015).

Appropriate Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties**Physical State****Appearance:** Liquid**Color:** Amber**Odor:** Mild, Sweet Citrus**Odor threshold:** No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Relevant	
Melting/Freezing Point	Not Relevant	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	142 Degrees F (61 Degrees C)	PMCC (D93)
Flammability Limits	LEL: 0.6 UEL: 5.5	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Not Available	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	0.709	Density: 7.11 lb./gal. +/-0.1

10. STABILITY AND REACTIVITY

Chemical Stability:

This product is chemically stable under recommended storage conditions.

Possibility of Hazardous Reactions:

None Known

Conditions to Avoid:

Store away from heat.

Incompatible Materials:

Strong acids and oxidizing agents

Hazardous Decomposition Products

Carbon dioxides, Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Symptoms of Exposure:

May cause chemical pneumonitis (aspiration of liquid) if swallowed and enters airways.
May cause dizziness if Inhaled. May cause respiratory irritation. May cause Skin & Eye Irritation.

Numerical measures of toxicity:

Oral LD50 Rat >5000 mg/kg
Dermal LD50 Rabbit >2000 mg/kg

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity: IARC, ACGIH, NTP, OSHA

None Known

Specific target organ toxicity:

Not Available

Respiratory Irritation: If material is misted/sprayed, inhalation of mist may cause irritation of mucous membranes and the upper respiratory tract. Aspiration may lead to lipid pneumonia.

12. ECOLOGICAL INFORMATION

Eco toxicity: This product contains components that are potentially toxic to freshwater and saltwater ecosystems. This product will normally float on water. It may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Persistence and Degradability: Not Determined.

Bioaccumulation: Not Determined.

Mobility: Not Determined.

Other Adverse Effects: Not Determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

DOT: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

Marine Pollutant: Not listed in Appendix B to 49 CFR 172.101

15. REGULATORY INFORMATION**International Inventories**

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations

SARA 302 (Extremely Hazardous Substances): None Known

SARA 311/312 Hazard Categories: Acute Health Hazard, Fire Hazard

SARA Section 313: None present or none present in regulated quantities.

CWA (Clean Water Act): This product contains hydrocarbon oils and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

Supplemental State Compliance Information

California:

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. None Known

New Jersey Right To Know: none present

Massachusetts Right To Know: none present

Pennsylvania Right To Know: none present

U.S. EPA Label Information: No Data

Canada

All components are listed or exempted.

16. OTHER INFORMATION**HMIS Classification:**

Health hazard:	1
Flammability:	2
Physical Hazards:	0

NFPA Rating:

Health hazard:	1
Fire:	2
Reactivity Hazard:	0

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Revision Note: RM review

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 guide 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