



# Safety Data Sheet

Issue Date: 28-Aug-2014

Revision Date: 09-Sep-2014

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** FMT HD CUTTING LUBE

### Other means of identification

**SDS#**

Item# 3276231

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

**Recommended Use** Tapping and drilling metal.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

**Manufactured for FMT-Fastenal by**

FASTENAL COMPANY  
2001 Theurer Blvd.  
Winona, MN 55987

### Emergency Telephone Number

**Company Phone Number**

507-454-5374

**Emergency Telephone (24 hr)**

INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Amber liquid

**Physical State** Liquid

**Odor** Wintergreen

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

## 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. Consult a physician.

#### **Skin Contact**

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation occurs.

**Inhalation** Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

**Ingestion** 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** Not determined.

#### **Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous Combustion Products** Smoke, Fume, Incomplete combustion products, Oxides of carbon.

#### **Protective equipment and precautions for firefighters**

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus(SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental Precautions** Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so. 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. Contain large spills and pump into a suitable tank for disposal. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. For waste disposal, see section 13 of the SDS.

### **7. HANDLING AND STORAGE**

#### **Precautions for safe handling**

**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.

**Conditions for safe storage, including any incompatibilities**

**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 > 40° F.

**Incompatible Materials** Oxidizing agents. Strong acids. Strong bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No exposure limits noted for ingredient(s)

**Appropriate engineering controls**

**Engineering Controls** 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** If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**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. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Wintergreen
<b>Appearance</b>	Amber liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	> 232.22 °C / > 450 °F	(at 760 mm Hg)
<b>Flash Point</b>	> 212.77 °C / > 415 °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>	1.108	
<b>Water Solubility</b>	Nil	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	

<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined
<b>VOC Content</b>	0.36% (3.9/L)

## 10. STABILITY AND REACTIVITY

<b><u>Reactivity</u></b>	Not reactive under normal conditions.
<b><u>Chemical Stability</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of Hazardous Reactions</u></b>	None under normal processing.
<b><u>Conditions to Avoid</u></b>	Incompatible Materials.
<b><u>Incompatible Materials</u></b>	Oxidizing agents. Strong acids. Strong bases.
<b><u>Hazardous Decomposition Products</u></b>	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<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

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	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>Sensitization</b>	May cause an allergic skin reaction.
<b>Carcinogenicity</b>	Carcinogenic potential is unknown.
<b>Numerical measures of toxicity</b>	Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b><u>Persistence/Degradability</u></b>	Not determined.
<b>Bioaccumulation</b>	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

**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

**TSCA** Listed

#### **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 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

**US State Regulations**

**California Proposition 65**      This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for Impurities which may be such chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

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

**Issue Date:** 28-Aug-2014  
**Revision Date:** 09-Sep-2014  
**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**