



Fire Protection Products, Inc.
 3198 Lionshead Avenue
 Carlsbad, CA 92010
 Phone: (760) 599-1168
 Fax: (800) 344-3775

MATERIAL SAFETY DATA SHEET

Last Updated: 12/2014

Section 1		CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
ThreadFit[®] Cutting Oil, Dark				
<u>Manufacturer Information</u> Fire Protection Products, Inc. 3198 Lionshead Avenue Carlsbad, CA 92010 Phone: (760) 599-1168 Fax: (800) 344-3775		<u>Emergency Contact</u> CHEMTREC 1300 Wilson Boulevard Arlington, VA 22209-2380 Phone: (800)424-9300 International: +1 (703) 527-3887		
CAS Registry Number	Mixture			
Chemical Family	Petroleum Hydrocarbon			
Product Type	Cutting Oil			
Preparation/Revision Date	03/20/2012			
Section 2		COMPOSITION/INFORMATION ON INGREDIENTS		
Component Name	CAS Number	OSHA PEL	ACGIH TLV	% (Optional)
Heavy Paraffinic Hydrotreated Distillate	64742-54-7	5 mg/m ³	5 mg/m ³	87-93
Sulfurized Decene	72162-15-3	Not Established	Not Established	7-13
Section 3		HAZARDS IDENTIFICATION		
Principal Hazard(s)	Contains petroleum oil. Avoid prolonged or repeated skin contact. Avoid breathing mists or vapors.			
Section 4		FIRST AID MEASURES		
Oral	DO NOT INDUCE VOMITING. Seek immediate medical attention.			
Eye	Flush eye(s) with water for at least 15 minutes or until irritation subsides. Seek medical attention if eye irritation develops or persists.			
Skin	Wash with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before re-use. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.			
Inhalation	Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. Vapor pressure under ambient conditions is normally not a problem. If adverse effects are observed, remove exposed person to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If overexposed to oil mist, remove from further exposure until excessive oil mist subsides.			

Section 5		FIRE FIGHTING MEASURES
Flash Point	390 °F COC Typical	
Upper Flammable Limit	Not Determined	
Lower Flammable Limit	Not Determined	
Extinguishing Media	Carbon Dioxide, dry chemical, water spray (fog) and foam. Note: water, water fog and foam may cause frothing and spattering.	
Special Firefighting Procedures	Wear self-contained breathing apparatus. Avoid breathing fumes and vapors. Use water spray (fog) to cool containers exposed to high heat or open flames.	
Unusual Fire and Explosion Hazards	Empty containers contain residue and/or vapors. DO NOT WELD, CUT, PRESSURIZE, BRAZE, SOLDER, DRILL, GRIND or EXPOSE SUCH CONTAINERS TO HEAT, SPARKS, FLAME, STATIC ELECTRICITY OR OTHER SUCH SOURCES OF IGNITION. Keep empty containers closed and dispose of in an environmentally safe manner and in accordance with all government regulations.	
Auto Ignition Temperature	Not Determined	
NFPA	Health: 1 Flammability: 1 Instability: 0	
Section 6		ACCIDENTAL RELEASE MEASURES
Personal Precautions	Evacuate all non-essential personal. Personal Protective Equipment must be worn (See Personal Protection Section for PPE recommendations).	
Environmental Precautions	Remove sources of ignition. Ventilate spill area. Prevent entry into sewers and waterways.	
Methods for Containment	Prevent entry into sewers and waterways. Use of absorbent pads or inert absorbent materials should be considered.	
Methods for Clean Up	Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.	
Section 7		HANDLING AND STORAGE
Handling	Keep away from potential sources of ignition. Avoid breathing vapors if present. Keep containers closed when not in use. Wash thoroughly after handling. Make sure proper warning labels are affixed in accordance with 29 CFR 1910.1200. Use good personal hygiene around product. Do not smoke or eat around product.	
Storage	Do not store near potential sources of ignition. Store in a well ventilated area. Store in a dry area. Do not store around food or eating areas.	
Section 8		EXPOSURE CONTROLS/ PERSONAL PROTECTION
Engineering Controls	Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.	
Personal Protection	Eye/Face Protection: Safety glasses recommended. Use splash goggles or face shield when eye contact may occur.	
	Skin Protection: Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact. Wear a chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.	
	Respiratory Protection: Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.	
General Measures	Use material in well ventilated areas only.	

Section 9	PHYSICAL AND CHEMICAL PROPERTIES	
Physical State: Liquid	Vapor Density (Air =1): Greater than 5	
Appearance, Color, Odor: Dark amber colored liquid with a characteristic petroleum odor	Evaporation Rate: Not Determined	
Specific Gravity: 0.8735	Pour Point: 0 °F	
Viscosity: Approximately 36 cSt @ 40 °C	Boiling Point: IBP approximately 500 °F	
Odor Threshold: Not Determined	% Volatile: Less than 1%	VOC in g/L: 1.0 g/L
Water Solubility: Not Soluble	pH: Not Applicable	
Vapor Pressure: Not Determined	Decomposition Temperature: Not Determined	
Addition Properties: None special		
Section 10	STABILITY AND REACTIVITY	
Stability	Material is normally stable at room temperature and pressure. See the Handling and Storage Section for further details.	
Incompatibility	Strong oxidizing agents.	
Conditions to Avoid	High heat and open flames.	
Polymerization	Will not occur.	
Hazardous Decomposition	Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.	
Section 11	TOXICOLOGICAL INFORMATION	
Oral Toxicity	Not Determined	
Dermal Toxicity	Not Determined	
Inhalation Toxicity	Not Determined	
Chronic Toxicity	Not Determined	
Respiratory Irritation	If material is misted or vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.	
Carcinogenicity	The components of this product have not been found to be a carcinogen under either NTP, IARC Monographs or current OSHA regulations.	
Other	Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m ³	
Section 12	ECOLOGICAL INFORMATION	
Ecotoxicity	Available ecotoxicity data indicates that adverse effects to aquatic organisms are not expected from this product.	
Degradability	This product is not considered bio-degradable under current definitions.	
Mobility	When released into the environment, adsorption to sediment and soil will be the predominant behavior.	
Section 13	DISPOSAL CONSIDERATIONS	
Waste Disposal Method	Product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at the time of disposal. The unused product is not specifically listed by the EPA as a hazardous waste, nor is it formulated to contain materials which are listed as hazardous waste. After use, it is the responsibility of the user to determine the products status for disposal.	
Section 14	TRANSPORT INFORMATION	
US DOT Shipping Name	Not regulated by DOT	
Hazard Class	Not applicable	
DOT Identification Number	Not Applicable	
DOT Shipping Label	Not regulated by DOT	
Canadian Transportation of Dangerous Goods:	Not regulated	
Marine Pollutants	Not regulated by IMO	

Section 15	REGULATORY INFORMATION
USA	
TSCA Inventory	All components of this product are listed on the TSCA inventory.
SARA Title III	Sec. 302/304: No RQ for product or any constituent greater than 1.0% or 0.01 % (carcinogen).
	Sec. 311/312: No RQ for product or any constituent greater than 1.0% or 0.01% (carcinogen).
	Sec. 313: This product contains no chemicals subject to the supplier notification requirements of SARA 313 toxic release program.
	CERCLA RQ: No chemicals in this product are subject to the reporting requirements of CERCLA.
California Prop 65	This product does not contain chemical regulated under California Proposition 65.
Canada	
WHMIS Classification (for workplace exposures)	Not controlled under WHMIS
New Substance Notification Regulations	Not controlled
NPRI Substances	None
Section 16	OTHER INFORMATION
Additional Information	When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
Prepared By	
Revised Date	03/20/2012
Disclaimer	Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, Fire Protection Products, Inc. makes no representations as to the completeness or accuracy thereof. Fire Protection Products, Inc. makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose since the conditions of use are beyond our control. Fire Protection Products, Inc. assumes no responsibility for injury to recipient or to third persons for any damage to any property and recipient.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health = 1 Fire = 1 Reactivity = 0 PP = B

Rating: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme