



MSDS
016035

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Thread Cutting Oil

MSDS No: 016035

Part Numbers Covered:

016035	016110	016170	016266	016278	016329	016340	016353
016036	016115	016175	016267	016279	016330	016342	016365
016050	016120	016190	016268	016280	016331	016345	016375
016055	016150	016205	016269	016281	016332	016346	016390
016060	016151	016215	016270	016282	016333	016347	016395
016070	016152	016225	016271-W	016323	016334	016348	
016100	016153	016262	016273	016324	016335	016349	
016101	016155	016263	016275	016325	016336	016350	
016103	016160	016264	016276-W	016326-W	016337	016351	
016105	016165	016265	016277	016327	016339	016352	
016321	016261					016343	

I. Basic Information:

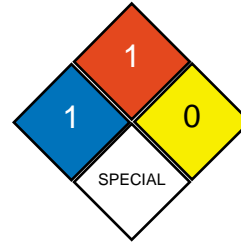
Manufacturer: WILLIAM H. HARVEY COMPANY
Address: 4334 SOUTH 67TH STREET
City, ST Zip: OMAHA, NE 68117-1019

Last Update: 8/30/05

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

NFPA



HMIS

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
7782505	Dichlorine									
112-62-9	methyl ester									
64742-54-7	Petroleum Hydrocarbon								5	
68990-81-8	Sulfurized Fatty Oil									

III. Hazardous Identification:

Hazard Category: Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:
Hazardous by Ingestion.

IV. First Aid Measures:

Route(s) of Entry:
SKIN, EYES, INHALATION, INGESTION

Health Hazards (Acute and Chronic):
ACUTE: INGESTION MAY CAUSE SEVERE GASTRIC DISTURBANCE. CHRONIC: NOT KNOWN TO HAVE CHRONIC TOXIC EFFECTS.

Signs and Symptoms:
EYES: MAY CAUSE MINOR IRRITATION, BUT DOES NOT DAMAGE EYE TISSUE.
SKIN: MAY CAUSE MINOR SKIN IRRITATION.
INHALATION: NOT EXPECTED TO BE TOXIC BY INHALATION. MAY CAUSE RESPIRATORY IRRITATION IF NOT USED WITH ADEQUATE VENTILATION.
INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, OR DIARRHEA.

Medical Conditions Generally Aggravated by Exposure:
NONE KNOWN IN NORMAL USAGE CONCENTRATIONS.

Emergency and First Aid Procedures:
EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT
EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF EFFECTS PERSIST.
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INHALATION: MOVE TO FRESH AIR AND PROVIDE OXYGEN IF DIFFICULTY IN BREATHING. GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Other Health Warnings:
AVOID BREATHING OF OIL MISTS.

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V. Fire Fighting Measures:

Flash Point: >350F Lower Explosive Limit: NI Upper Explosive Limit: NI

Fire Extinguishing Media:

WATER FOG, FOAM, DRY CHEMICAL, CO2

Special Fire Fighting Procedures:

TREAT AS AN OIL FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS WHEN IN ENCLOSED SPACES. DO NOT USE A DIRECT STREAM OF WATER AS PRODUCT MAY FLOAT.

Unusual Fire and Explosion:

EXPOSING DRUMS TO HIGH HEAT COULD CAUSE DRUMS TO RUPTURE.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

LARGE SPILLS: EVACUATE AREA AND REMOVE IGNITION SOURCES. DIKE AND CONTAIN. TAKE UP SPILLS WITH SAND, DIRT, OR OTHER ABSORBENT. CLEAN SURFACES SO THEY DO NOT REMAIN SLIPPERY. TREAT AS AN OIL SPILL. PUMP EXCESS TO STORAGE TANKS. USE ABSORBENT FOR REMAINING LIQUID AND PLACE IN CLOSED CONTAINER FOR DISPOSAL ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. SMALL SPILLS: FOLLOW DIRECTIONS ABOVE BUT DO NOT EVACUATE AREA UNLESS THE POTENTIAL TO SLIP AND FALL DUE TO THE SPILL IS POSSIBLE.

VII. Handling and Storage:

Precautions to be Taken:

STORE IN A COOL DRY PLACE. STORE AWAY FROM FLAMES, HEAT, OXIDIZING AGENTS, AND STRONG ALKALIES. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:

OILY METAL CUTTINGS SHOULD BE HANDLED WITH THE SAME PRECAUTIONS AS FOR THE CUTTING OIL. KEEP AWAY FROM IGNITION SOURCES. DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. AVOID EYE CONTACT. AVOID BREATHING VAPORS. WASH THOROUGHLY AFTER SKIN CONTACT.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

USE WITH ADEQUATE VENTILATION. MECHANICAL EXHAUST IS RECOMMENDED FOR AREAS OF CONCENTRATED MISTS, FUMES OR VAPORS.

Personal Protective Equipment:

EYES: WEAR SPLASH PROOF GOGGLES SKIN: WEAR OIL RESISTANT GLOVES. WASH HANDS AND ARMS AFTER USE. REMOVE CONTAMINATED CLOTHING PROMPTLY AND WASH BEFORE REUSE. TREAT CONTAMINATED CLOTHING AS A FIRE HAZARD .
INHALATION: (IF NO MECHANICAL EXHAUST IS AVAILABLE OR IN SMALL ENCLOSED AREAS) WEAR MIST AND/OR ORGANIC VAPOR RESPIRATOR WHEN MISTS OR FUMES ARE PRESENT. A WELL VENTILATED WORK AREA IS THE BEST ENGINEERING PPE.
INGESTION: AVOID SWALLOWING.

IX. Physical and Chemical Properties:

Boiling Point: <500F Melting Point: NI Evaporation Rate: NI

Vapor Pressure (mm Hg.): NI

Vapor Density (AIR = 1): NI

Solubility In Water: NEGLIGIBLE

Appearance and Odor: CLEAR TO DARK OIL/SULFUR

Other Information: SPECIFIC GRAVITY IS: .865

X. Stability and Reactivity:

Stability:

STABLE

Incompatibility (Materials to Avoid):

HIGH HEAT, OPEN FLAME, STRONG OXIDIZERS

Decomposition/By Products:

MAY FORM CARBON MONOXIDE OTHER UNIDENTIFIED ORGANIC COMPOUNDS UPON COMBUSTION.

Hazardous Polymerization:

DOES NOT OCCUR



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XI. Toxicological Information:

NOT LISTED IN NTA, IARC, OSHA

XII. Ecological Information:

MAY HAVE TOXIC EFFECTS TO AQUATIC LIFE

XIII. Disposal Considerations:

IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS FOR OIL WASTES.

XIV. Transport Information:

DOT PROPER SHIPPING NAME: N/A
DOT LABEL: N/A
DOT NUMBER: N/A
UN NUMBER: N/A
IMCO CLASS: N/A
DOT HAZARD CLASSIFICATION: N/A

XV. Regulatory Information:

NI

XVI. Other Information:

ABBREVIATIONS:

N/A = NOT APPLICABLE N/I = NONE INDICATED NDA = NO DATA AVAILABLE
N/E = NOT ESTABLISHED C = CELSIUS DEGREES F = FAHRENHEIT DEGREES

DISCLAIMER:

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