

# MSDS - Material Safety Data Sheet

## Product Name: Thread Cutting Oil

MSDS No.: 016035

### Part Numbers Covered:

016035	016110	016165	016272	016324	016336	016365
016036	016115	016170	016273	016325	016337	016366
016050	016120	016190	016276-W	016326-W	016338	016390
016055	016150	016205	016277	016327	016341	016391
016060	016151	016215	016278	016328	016342	248674
016070	016153	016261	016279	016330	016343	403766
016100	016154	016264	016281	016331	016348	403774
016101	016155	016265	016320	016332	016350	Premier 461020
016102	016157	016266	016321	016333	016351	Premier 461020
016105	016160	016267	016322	016334	016353	Premier 461023
						Premier 461024

### 1. Basic Information:

Manufacturer: William H. Harvey Company

Address: 4334 South 67th Street

City, ST Zip: Omaha, NE 68117-1019

Emergency Contact: CHEMTREC

Emergency Telephone Number: (800)424-9300

Contact: Information Telephone Number

Information Telephone Number: (800)228-9681

Last Update: 02/06/2009

Expiration Date:

Chemical State: ☒ Liquid ☐ Gas ☐ SolidChemical Type: ☐ Pure ☒ Mixture

1	Health
1	Flammability
0	Reactivity
B	Pers. Protection

### 2. Ingredients:

☐ Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA	OSHA	ACGIH	Other
			NTP	SUB Z	313	PEL	TLV	Limits
64742-65-0	Highly Refined Petroleum Oil	90 - 100				5 mg/m3	5 mg/m3	NI

### 3. Hazardous Identification:

Hazard Category:

☒ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive

Hazardous Identification Information:

Product has a low order of oral and dermal toxicity. Possible aspiration hazard. Induced vomiting may cause aspiration of product into lungs.

### 4. First Aid Measures:

Route(s) of Entry:

SKIN, EYES, INHALATION, INGESTION

Health Hazards (Acute and Chronic):

Acute: Ingestion may cause gastric disturbance. Chronic: Not known to have chronic toxic effects.

Signs and Symptoms:

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#### **EYE CONTACT:**

Lubricating oils are generally considered no more than minimally irritating to the eyes.

#### **SKIN CONTACT:**

Brief contact is not irritating. Lubricating oils are generally considered no more than mildly irritating to the skin. Because of its defatting properties, prolonged and repeated contact may aggravate an existing or result in various skin disorders (dermatitis, folliculitis, etc.).

#### **INHALATION:**

Inhalation of vapor or oil mist (generated at high temperatures) may result in mild irritation of the upper respiratory tract, including irritation of the nose and throat, headache, nausea and drowsiness.

#### **INGESTION:**

No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea and diarrhea may occur.

#### **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.

### **5. Fire Fighting Measures:**

**Flash Point:** >370F

**Lower Explosive Limit:** NE

**Upper Explosive Limit:** NE

**F.P. Method:** COC

**Fire Extinguishing Media:** According to the NFPA guide, used water fog, foam, dry chemical or CO2. Do not use a direct stream of water. Product will float and can be reignited on the surface of water. Use water to cool containers.

#### **Special Fire Fighting Procedures:**

Material will not burn unless preheated. Do not enter confined fire-space without proper protective equipment including a positive-pressure, NIOSH approved self-contained breathing apparatus. Use water to keep fire exposed containers cool.

#### **Unusual Fire and Explosion:**

Exposing containers to high heat may cause container to rupture.

### **6. 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.

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### 7. Handling and Storage:

#### Precautions to be Taken:

Store in a cool dry place. Store away from flames, heat, oxidizing agents, and strong alkalis. Keep containers tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

#### 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.

### 8. 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.

### 9. Physical and Chemical Properties:

Boiling Point: > 680° F

Melting Point: NA

Evaporation Rate (Butyl Acetate = 1): < 1.0

Vapor Pressure (mm Hg.): < .01

Specific Gravity (H<sub>2</sub>O = 1): 0.90000

Vapor Density (AIR = 1): NDA

Solubility In Water: Negligible

Appearance and Odor: Light amber to dark brown liquid / Sulfur

Other Information: VOC Content: < 20 grams/L

### 10. Stability and Reactivity:

#### Stability:

Stable

#### Incompatibility (Materials to Avoid):

High heat, open flame, strong oxidizers.

#### Decomposition/By Products:

May form carbon monoxide and other unidentified organic compounds upon combustion.

#### Hazardous Polymerization:

Will not occur

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### ***11. Toxicological Information:***

Median Lethal Dose (LD50 LC50) (Species)

- Oral: Believed to be >5 g/kg (rat); practically non-toxic
- Inhalation: Not Determined
- Dermal: Believed to be 5 g/kg (rabbit); no appreciable effect

Irritation Index, estimate of Irritation (Species)

- Skin: Believed to be <0.5 / 8.0 (rabbit); no appreciable effect
- Eyes: Believed to be <15 / 110 (rabbit); no appreciable effect
- Sensitization: Not Determined

Other:

This product and its components are not classified as carcinogens by the IARC or OSHA. Used gasoline motor oils have been shown to cause skin cancer when repeatedly applied to mouse skin without any effort to remove the material between applications. There is no evidence of a causal relationship between skin cancer in humans and exposure to used motor oil.

### ***12. Ecological Information:***

No data available, but based on similar compounds, this product may have toxic effects to aquatic life.

### ***13. Disposal Considerations:***

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Dispose in accordance with all local, state and federal regulations.

REMARKS: Recycle all used oils. Recycling used oils may provide exemptions related to hazardous waste regulations.

### ***14. Transport Information:***

DOT PROPER SHIPPING NAME: NA  
DOT LABEL: NA  
DOT NUMBER: NA  
UN NUMBER: NA  
IMCO CLASS: NA  
DOT HAZARD CLASSIFICATION: NA

This product is considered an oil under 49 CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3,500 gallons or more, it is subject to the requirements of Part 130.

### ***15. Regulatory Information:***

NI

### ***16. Other Information:***

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**ABBREVIATIONS:**

~ = Approximately  
< = Less Than  
> = Greater Than  
ACGIH = American Conference of Governmental Industrial Hygienists  
AIHA = American Industrial Hygiene Association  
C = Degrees Celcius  
Deg = Degrees  
EPA = Environmental Protection Agency  
F = Degrees Farenheit  
HMIS = Hazardous Materials Information System  
IARC = International Agency for Research on Cancer  
NA = Not Applicable  
NDA = No Data Available  
NE = Not Established  
NFPA = National Fire Protection Association  
NI = Not Indicated  
NIOSH = National Institute of Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = Occupational Safety and Health Administration

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