



# Safety Data Sheet

## Thunderbolt Penetrating Oil

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Thunderbolt Penetrating Oil  
**Product Code:** 5009V  
**Revision Date:** 1/9/2024  
**Version: Product** 1  
**Type:** Aerosol Penetrating Oil

**Supplier Details:** Well Worth Products, Inc.  
180 Dutton Avenue  
Buffalo, NY 14211

**Phone:** 716-597-0214

**Emergency:** CHEM TREC 800-424-9300

**NOTE:** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1  
Physical, Gases Under Pressure, Liquefied Gas

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated

#### GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P331 - Do NOT induce vomiting.  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/container in accordance with local/ regional regulations

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
68476-86-8	15-25%	Petroleum gases, liquefied, sweetened
64742-52-5	>75%	Distillates, petroleum, hydrotreated heavy naphthenic



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### 4 FIRST AID MEASURES

<b>Inhalation:</b>	Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.
<b>Skin Contact:</b>	Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.
<b>Eye Contact:</b>	Flush with warm water for 15 minutes. Seek medical attention.
<b>Ingestion:</b>	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### 5 FIRE FIGHTING MEASURES

<b>Flash Point:</b>	Flash point of propellant <0 degrees F.
<b>LEL:</b>	Lower: 3.4 % (VOL.) Gas in air (propellant portion)
<b>UEL:</b>	Upper: 18 % (VOL.) Gas in air (propellant portion)
<b>Extinguishing Media:</b> Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.	
<b>Unusual Fire &amp; Explosion Hazards:</b> This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.	
<b>Special Fire Fighting Procedures:</b> At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.	

### 6 ACCIDENTAL RELEASE MEASURES

#### Spill or Leak Instructions

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

### 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.  Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate
<b>Storage Requirements:</b>	Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials



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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

**Personal Protective Equipment:**

**Protective Equipment:**

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

**Engineering Controls:**

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

**Respiratory Protection:**

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above exposure levels an approved self-contained breathing apparatus or airline respirator with full face-piece is required

**Other Suggested Equipment:**

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

**Discretion Advised:**

We take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

Oil mist, mineral [64742-52-5]

TLV or PEL  
5 mg/m<sup>3</sup>

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### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Dark fluid aerosol

**Vapor Pressure:**

>30 psi

**Evap. Rate:**

Ether = 1 Slower

**Odor:**

Slight hydrocarbon

**Solubility:**

Negligible

**Flash Point:**

Flash point of propellant < 0°F

Flash point of liquid portion 345°F

**Vapor Density:**

>1 Air = 1

**VOC:**

20.8%

**UFL/LFL:**

Upper: 18 % (VOL.) Gas in air (propellant portion)

Lower: 3.4 % (VOL.) Gas in air (propellant portion)

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### STABILITY AND REACTIVITY

**Chemical Stability:**

Stable

**Conditions to Avoid:**

Heat, spark, and open flame.

**Materials to Avoid:**

Strong Oxidizing Agents.

**Hazardous Decomposition:**

Hazardous decomposition products are not expected to form during normal storage.

**Hazardous Polymerization:**

Will not occur.

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### TOXICOLOGICAL INFORMATION

Basis for assessment

Information given based on data on the components and toxicology of similar products.



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### Likely routes of exposure

Skin and eye contact are primary routes of exposure. Exposure may occur following accidental ingestion.

### Acute toxicity

Expected to be of low toxicity.

### Skin corrosion/irritation

May cause skin irritation after prolonged exposure. Prolonged exposure or repeated exposure without proper cleaning can clog pores of the skin.

### Serious eye damage/eye irritation

Expected to be slightly irritating.

### Respiratory irritation

Inhalation of vapors or mists may cause irritation.

### Respiratory or skin sensitization

Not expected to cause respiratory or skin sensitization.

### Germ cell mutagenicity

Not considered a mutagenic hazard.

### Carcinogenicity

No component of this product is identified as a probable, possible, or confirmed carcinogen by IARC, NTP, Monographs, or OSHA.

### Reproductive toxicity

Not expected to be a hazard.

### Specific target organ toxicity - single exposure

Not expected to be a hazard.

### Specific target organ toxicity - repeated exposure

Not expected to be a hazard.

### Aspiration hazard

Not considered an aspiration hazard.

### Additional Information

Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and may present risks to health and the environment on disposal. Used oil should be handled with caution and skin contact should be avoided when possible.

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### ECOLOGICAL INFORMATION

#### Eco-toxicity effects

Ecotoxicological data have not been determined specifically for this product. Information is based on a knowledge of the components and ecotoxicology of similar products. Expected to be practically nontoxic: LL/EL/IL50 > 100mg/l (to aquatic organisms). Not expected to cause chronic effects to aquatic organisms at concentrations less than 1mg/L.

#### Persistence and degradability

No information available

#### Bioaccumulative potential

No information available

#### Mobility in soil

Liquid under most conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

#### Other adverse effects

No information available

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### DISPOSAL CONSIDERATIONS

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.



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### 14 TRANSPORT INFORMATION

Aerosols (limited quantity),  
Class 2.1, ERG 126

AIR (IATA)  
Aerosols (limited quantity),  
Class 2.1, ERG 126, UN No. 1950

Vessel  
Aerosol (Limited Quantity), Class 2.1, UN No 1950

### 15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[15-25%] Petroleum gases, liquefied, sweetened (68476-86-8) TSCA

[>75%] Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5) NJHS, TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

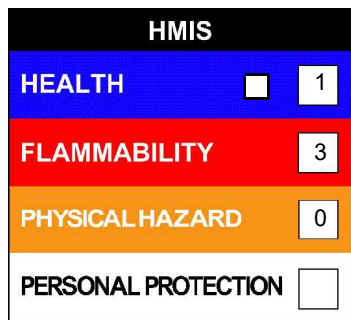
Regulatory Code Legend

TSCA = Toxic Substances Control Act  
NJHS = NJ Right-to-Know Hazardous Substances

### 16 OTHER INFORMATION

**NFPA:** Health = 1, Fire = 3, Reactivity = 0, Specific Hazard = n/a

**HMIS III:** Health = 1, Fire = 3, Physical Hazard = 0



#### Note:

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

Revision Date: 1/9/2024