



# Material Safety Data Sheet

Revision Date 30-Oct-2008

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product code** 97652  
**Product name** Air Tool Oil  
**Recommended Use** Lubricant  
**Supplier** Lawson Products, Inc.  
1666 East Touhy Avenue  
Des Plaines, IL 60018  
(847)-827-9666  
**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Color** Amber **Odor** Mild **Form** Liquid

**Aggravated Medical Conditions** None Known.  
**Principal Routes of Exposure** None under normal use.

### Potential health effects

**Eyes** No adverse affects expected.  
**Skin** No adverse affects expected.  
**Inhalation** No adverse affects expected.  
**Ingestion** No adverse affects expected.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

Chemical Name	CAS-No	Weight %
Zinc Alkyl Dithiophosphate	68649-42-3	< 1
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	60-100

## 4. FIRST AID MEASURES

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<b>Eye contact</b>	Flush for 15 minutes or until irritation subsides.
<b>Skin contact</b>	No specific treatment is necessary since this material is not likely to be hazardous by skin contact.
<b>Ingestion</b>	No specific treatment is necessary since this material is not likely to be hazardous by ingestion.
<b>Inhalation</b>	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

## 5. FIRE FIGHTING MEASURES

<b>Flash point °C</b>	223.9
<b>Flash point °F</b>	435
<b>Method</b>	No information available
<b>Autoignition temperature °C</b>	No data available
<b>Autoignition temperature °F</b>	No data available
<b>Flammability Limits (% in Air)</b>	
<b>Upper</b>	7.0
<b>Lower</b>	0.6

### Suitable extinguishing media

Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray.

### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

### Special Fire-Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

### Sensitivity to shock

No information available.

### Sensitivity to static discharge

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

### Methods for cleaning up

Eliminate all sources of ignition. Shut off source of leak if safe to do so. Use caution as spill may create a slip hazard. Prevent product from entering drains. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder) . Dispose of absorbent in accordance with local, state and federal regulations. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

## 7. HANDLING AND STORAGE

### Handling

Keep container closed when not in use. Avoid contact with eyes. Avoid breathing vapors or mists.

**Storage**

Keep away from open flames, hot surfaces and sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m <sup>3</sup>	-	-	10 mg/m <sup>3</sup>
Zinc Alkyl Dithiophosphate	-	-	-	-

**Ventilation and Environmental Controls**

Normal ventilation is adequate.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**Personal protective equipment****Respiratory protection**

None necessary under normal conditions.

**Hand Protection**

Chemical resistant gloves.

**Eye protection**

Use safety eyewear designed to protect against splash of liquids.

**Skin and body protection**

None necessary under normal conditions

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid	<b>Color</b>	Amber
<b>Odor</b>	Mild	<b>Odor Threshold</b>	No information available
<b>pH</b>	Not Applicable	<b>Specific Gravity</b>	0.86
<b>Vapor pressure</b>	Not Applicable	<b>Vapor density</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Water solubility</b>	Insoluble
<b>Partition Coefficient (n-octanol/water)</b>	No data available	<b>Boiling point/range °C</b>	Not Applicable
<b>Boiling point/range °F</b>	Not Applicable	<b>Melting point/range °C</b>	-31.7
<b>Melting point/range °F</b>	-25	<b>Flash point °C</b>	223.9
<b>Flash point °F</b>	435		

## 10. STABILITY AND REACTIVITY

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**Stability**

Stable.

**Conditions to avoid**

Do not heat above flash point.

**Incompatibility**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide.

**Polymerization**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Petroleum distillates, hydrotreated heavy paraffinic</i> 64742-54-7	2.18 mg/L 2000 mg/kg	2.18 mg/L 2000 mg/kg	2.18 mg/L 2000 mg/kg
<i>Zinc Alkyl Dithiophosphate</i> 68649-42-3	-	-	-

**Synergistic Products**

None known

**Potential health effects****Sensitization**

None known

**Mutagenic effects**

None known

**Reproductive toxicity**

None known

**Carcinogenic effects**

See table below

**Chronic toxicity**

None known

**Teratogenic effects**

None known

**Target Organ Effects**

See Section 2

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Petroleum distillates, hydrotreated heavy paraffinic	Not Listed	Group 1	Not Listed	Not Listed	Listed
Zinc Alkyl Dithiophosphate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

Petroleum distillates, hydrotreated heavy paraffinic

**Water Flea Data**

*Daphnia magna* EC50 > 1000 mg/L (48 h)

Zinc Alkyl Dithiophosphate

**Water Flea Data**

*Daphnia magna* EC50 1 - 1.5 mg/L (48 h)

## 13. DISPOSAL CONSIDERATIONS

**Disposal Information**

Dispose in accordance with federal, state, and local regulations. Incinerate if allowed.

**Waste from residues / unused products**

No information available

## 14. TRANSPORT INFORMATION

**DOT**

Not Regulated

**TDG**

Not Regulated

**IMDG/IMO**

Not Regulated

**IATA**

Not Regulated

**MEX**

Not Regulated

## 15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Zinc Alkyl Dithiophosphate	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Petroleum distillates, hydrotreated heavy paraffinic	Not Listed	Not Listed	Not Listed
Zinc Alkyl Dithiophosphate	Not Listed	Listed	Not Listed

<b>Chemical Name</b>	<b>EINECS</b>	<b>DSL</b>	<b>NDSL</b>	<b>TSCA</b>
Petroleum distillates, hydrotreated heavy paraffinic	X	X	-	X
Zinc Alkyl Dithiophosphate	X	X	-	X

**CPRC**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

## 16. OTHER INFORMATION

<b>NFPA</b>		<b>HMIS</b>	
<b>Health</b>	0	<b>Health</b>	1
<b>Flammability</b>	1	<b>Flammability</b>	1
<b>Reactivity</b>	0	<b>Physical Hazard</b>	0

**Prepared By**

Michael Katz, Regulatory Affairs Specialist

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.