



# Safety Data Sheet

Issue date 30-Jul-2018

Revision date 21-Mar-2022

Revision Number 2

## 1. IDENTIFICATION

### Product identification

Product identifier	Lawson Air Tool Oil
Other means of identification	97652
Recommended use	Lubricant
Restrictions on use	For industrial use only

### Supplier

Corporate Headquarters:  
Lawson Products, Inc.  
8770 W. Bryn Mawr Ave., Suite 900  
Chicago, IL 60631  
(866) 837-9908

Canadian Distribution Center:  
Lawson Canada  
7315 Rapistan Court  
Mississauga, ON L5N 5Z4  
(800) 323-5922

**24 Hour Emergency Phone Number** (888) 426-4851 (Prosar)

**Website** [www.lawsonproducts.com](http://www.lawsonproducts.com)

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification** While this material is not classified as hazardous under OSHA, GHS or WHMIS 2015 regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Symbol** Not applicable

**Signal word** Not applicable

**Hazard statements** Not applicable

### Precautionary statements

**Prevention** Not applicable

**Response** Not applicable

**Storage** Not applicable

**Disposal** Not applicable

**Hazard(s) Not Otherwise Classified (HNOC)** None known.

**Physical Hazards Not Otherwise Classified (PHNOC)** None known.

**Unknown acute toxicity** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Composition

Chemical name	CAS-No	Weight %
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	<99
Zinc Alkyl Dithiophosphate	68649-42-3	< 1

### 4. FIRST-AID MEASURES

#### Necessary first-aid measures

<b>Inhalation</b>	Remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	If ingestion is suspected:. Get medical attention immediately. Do NOT induce vomiting. Risk of aspiration into the lungs. If there is any suspicion of aspiration into the lungs, obtain medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Immediately wash with water and soap and rinse thoroughly. Seek medical attention if irritation persists.
<b>Eye contact</b>	Flush with plenty of water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Most important symptoms (acute)** Not applicable.

**Most important symptoms (over-exposure)** Not applicable.

**Indication of any immediate medical attention and special treatment needed** NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry Chemical, Carbon Dioxide, Foam or Water Fog.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards</b>	Hazardous Thermal Decomposition Products:. Carbon dioxide. Carbon monoxide. Oxides of sulfur. Nitrogen oxides (NOx). Phosphorus oxides.
<b>Special protective equipment for fire-fighters</b>	Avoid use of solid water streams. Do not use water jet (frothing possible). As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Collect and contain for disposal. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

**Methods and materials for containment and cleaning up**

Absorb with earth, sand, or another dry inert material. Take up mechanically and collect in suitable container for disposal. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. Avoid discharge into drains, water courses or onto the ground. Evacuate area of unprotected and unnecessary personnel.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Avoid contact with skin and eyes. Avoid generating mist. Wash hands thoroughly after handling. Workers should wash hands and face before eating, drinking, and smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a cool, well-ventilated place. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not store in unlabeled or mislabeled containers. Store away from oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

Chemical name	OSHA PEL (TWA)	California - PELs	ACGIH OEL (TWA)	NIOSH - TWA
Petroleum distillates, solvent dewaxed heavy paraffinic	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> PEL (particulate)	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA
Zinc Alkyl Dithiophosphate	-			

**Appropriate engineering controls**

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

**Individual protection measures, such as personal protective equipment****Eye protection**

ANSI approved safety glasses or splash goggles with face shield are recommended.

**Skin and body protection**

Wear impervious gloves to prevent contact with the skin. Wear oil impervious garments if contact is unavoidable.

**Respiratory protection**

If workplace exposure limit is exceeded, use NIOSH approved disposable dust or mist mask breathing apparatus for entry into confined space in the absence of proper environmental control.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**Canadian Province Occupational Exposure Limits**

Chemical name	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
Petroleum distillates, solvent dewaxed heavy paraffinic	5 mg/m <sup>3</sup> TWA	0.2 mg/m <sup>3</sup> TWA 1 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWAEV	5 mg/m <sup>3</sup> TWA
Zinc Alkyl Dithiophosphate	-	-	-	-	-	-	-	-	-	-

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical state</b>	Liquid
<b>Color</b>	Clear, Amber
<b>Odor</b>	Slight Hydrocarbon
<b>Odor threshold</b>	Not available
<b>pH</b>	Not applicable
<b>Melting point/range °C</b>	-12.22
<b>Melting point/range °F</b>	<10
<b>Boiling point/range °C</b>	Not available
<b>Boiling point/range °F</b>	Not available
<b>Flash point °C</b>	215.5
<b>Flash point °F</b>	420
<b>Flash point method used</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability (Solid, Gas)</b>	Not available
<b>Lower explosion limit</b>	Not available
<b>Upper explosion limit</b>	Not available
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not available
<b>Relative density</b>	0.86
<b>Solubility</b>	Insoluble in water
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Autoignition temperature °C</b>	> 315.56 °C
<b>Autoignition temperature °F</b>	> 600 °F
<b>Decomposition temperature °C</b>	Not available
<b>Decomposition temperature °F</b>	Not available
<b>Viscosity</b>	158 at 100°F (38°C), SUS

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

<b>Conditions to avoid</b>	Avoid high temperatures. Avoid open flames.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide. Oxides of sulfur. Nitrogen oxides (NO <sub>x</sub> ).

## 11. TOXICOLOGICAL INFORMATION

<b>Information on likely routes of exposure</b>	Dermal. Eyes. Inhalation.
<b>Symptoms</b>	Irritating to eyes and skin. Irritating to respiratory system. Dermatitis. Oil acne. Excessive inhalation of oil mist may cause accumulation of mineral oil in the lungs accompanied by pulmonary fibrosis.
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>	Prolonged and repeated skin contact with some mildly treated or untreated mineral oils have produced skin cancer in laboratory animals. Note that USED oils tend to contain higher amounts of the cancer-causing aromatics, which have been linked to scrotal and lung cancer in humans. High vapor or aerosol concentrations (attainable only at elevated temperatures) may cause central nervous system effects such as dizziness, drowsiness or headaches.

### Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Petroleum distillates, solvent dewaxed heavy paraffinic	>2400 mg/m <sup>3</sup> Rat 2062 ppm Rat	> 15000 mg/kg Rat = 22 g/kg Mouse > 24 g/kg Rat >5000 mg/kg Rabbit	>15000 mg/kg Rat >24 g/kg Rat > 5000 mg/kg Rabbit
Zinc Alkyl Dithiophosphate	-	-	-

<b>ATEmix (dermal)</b>	Not available
<b>ATEmix (oral)</b>	Not available
<b>ATEmix (inhalation-gas)</b>	Not available
<b>ATEmix (inhalation-vapor)</b>	Not available
<b>ATEmix (inhalation-dust/mist)</b>	Not available

### Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA Carcinogens	NTP
Petroleum distillates, solvent dewaxed heavy paraffinic	A4 A2	Group 1	Present	Known carcinogen
Zinc Alkyl Dithiophosphate	-	-	-	-

### Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Petroleum distillates, solvent dewaxed heavy paraffinic	-	IARC 1	ACGIH A2 ACGIH A4	-	ACGIH A2 ACGIH A4	-
Zinc Alkyl Dithiophosphate	-	-	-	-	-	-

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish LC50
Petroleum distillates, solvent dewaxed heavy paraffinic	-	> 5000mg/L Oncorhynchus mykiss 96h
Zinc Alkyl Dithiophosphate	-	1.0 - 5.0mg/L Pimephales promelas 96h 10.0 - 35.0mg/L Pimephales promelas 96h

**Persistence and degradability** Not available.

### Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	64742-65-0	-	-
Zinc Alkyl Dithiophosphate 68649-42-3	68649-42-3	-	-

**Mobility in soil** Not available.

**Other adverse effects** Do not flush to sewer or let enter waterways

## 13. DISPOSAL CONSIDERATIONS

**Disposal information** This product is not known to be a characteristic hazardous waste under RCRA. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

**Contaminated packaging** Dispose in accordance with local, state and federal regulations.

## 14. TRANSPORTATION INFORMATION

### Shipping Descriptions

**DOT**  
Proper shipping name Not regulated

**TDG**  
Proper shipping name Not regulated

**IATA**  
Proper shipping name Not regulated

**IMDG/IMO**

Proper shipping name Not regulated

**Marine Pollutants**

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	-	-	-
Zinc Alkyl Dithiophosphate	68649-42-3	-	-	-

**Special Precautions**

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**15. REGULATORY INFORMATION****State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	X	X	X
Zinc Alkyl Dithiophosphate	68649-42-3	-	X	X

**California Prop. 65**

Chemical name	CAS-No	California Prop. 65
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	-
Zinc Alkyl Dithiophosphate	68649-42-3	-

California Proposition 65

This product does not contain any Proposition 65 chemicals

**U.S. Federal Regulations****US EPA SARA 313**

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	-	-
Zinc Alkyl Dithiophosphate	68649-42-3	-	1.0 %

US EPA SARA 311/312

Acute Health Hazard

## hazardous categorization

## TSCA and Canadian Inventories

Chemical name	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification	DSL	NDSL
Petroleum distillates, solvent dewaxed heavy paraffinic	X	-	X	-
Zinc Alkyl Dithiophosphate	X	-	X	-

Legend X - Listed

## 16. OTHER INFORMATION

## NFPA

Health 0  
 Flammability 1  
 Instability 0

## HMIS

Health 1  
 Flammability 1  
 Physical hazards 0  
 Personal protection To be determined by customer.

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

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## Revision note

## Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)  
 ATE (Average Toxicity Estimate)  
 DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)  
 HMIS (Hazardous Materials Identification System)  
 IARC (International Agency for Research on Cancer)  
 IATA (International Air Transport Association)  
 IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)  
 NFPA (National Fire Protection Association)  
 NTP (National Toxicology Program)  
 OEL (Occupational Exposure Level)  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 PEL (Permissible Exposure Limit)  
 TSCA (Toxic Substance Control Act)  
 USEPA (United States Environmental Protection Agency)

Disclaimer

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.

**End of Safety Data Sheet**