

Issue date 11-Jul-2018

Revision date 30-May-2019

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier	Lawson Lubri-Temp Multipurpose Anti Seize
Other means of identification	19921
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 <https://www.lawsonproducts.com>

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Skin sensitization	Category 1
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Symbol



Signal word WARNING

Hazard statements H317 - May cause an allergic skin reaction

Precautionary statements

General	P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P103 - Read label before use.
Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P272 - Contaminated work clothing should not be allowed out of the workplace P280 - Wear protective gloves
Response	
General	P321 - For Specific treatment see section 4 of this sds
Skin	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention P363 - Wash contaminated clothing before reuse
Storage	Not applicable
Disposal	P501 -Dispose of contents and container in accordance with local, regional, and federal regulations.
Hazard(s) Not Otherwise Classified (HNOC)	None known.
Physical Hazards Not Otherwise Classified (PHNOC)	None known.
Unknown acute toxicity	0%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Odorless Mineral Spirits	8052-41-3	1-15
Polybutene	9003-29-6	1-10
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	1-5
Fumed Silica	112945-52-5	1-20
Antimony Dialkyldithiocarbamate	PROPRIETARY	1-10
Graphite	7782-42-5	1-10
Aluminum	7429-90-5	1-10
Molybdenum di(2-ethylhexyl)phosphorodithioate	72030-25-2	0.1-1

*chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Avoid breathing oil mist. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration by trained personnel. Immediate medical attention is required.
Ingestion	Rinse mouth with water. Do not induce vomiting without medical advice. Seek medical attention if irritation persists.
Skin contact	Wash off immediately with soap and plenty of water. If skin irritation or rash occurs, get medical advice/attention.

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.
Most important symptoms (acute)	None known.
Most important symptoms (over-exposure)	None known.
Indication of any immediate medical attention and special treatment needed	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	Water stream may spread fire.
Specific hazards	Keep away from oxygen generating materials.
Special protective equipment for fire-fighters	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Water may be used to cool closed containers to prevent pressure build-up and/or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protection recommended in Section 8.
Methods and materials for containment and cleaning up	Wipe up with absorbent material (e.g. cloth, fleece). Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. Do not reuse containers.

7. HANDLING AND STORAGE

Precautions for safe handling	Store and use away from heat, sparks, open flame or any other ignition source. Keep container tightly closed and sealed until ready for use.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, and well-ventilated place. Keep container closed when not in use. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Odorless Mineral Spirits	500 ppm TWA 2900 mg/m ³ TWA	100 ppm TWA	350 mg/m ³ TWA
Polybutene	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA
Fumed Silica	-	-	6 mg/m ³ TWA

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Antimony Dialkyldithiocarbamate	-	-	-
Graphite	15 mg/m ³ TWA 5 mg/m ³ TWA	2 mg/m ³ TWA	2.5 mg/m ³ TWA
Aluminum	15 mg/m ³ TWA 5 mg/m ³ TWA	1 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA 5 mg/m ³ TWA 5 mg/m ³ TWA
Molybdenum di(2-ethylhexyl)phosphorodithioate	5 mg/m ³ TWA	0.5 mg/m ³ TWA	-

Appropriate engineering controls Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

- Eye protection** Wear safety glasses.
- Skin and body protection** Wear appropriate chemical resistant gloves. For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves.
- Respiratory protection** None necessary under normal conditions.
- Hygiene measures** Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Odorless Mineral Spirits	100 ppm TWA 572 mg/m ³ TWA	580 mg/m ³ STEL 290 mg/m ³ TWA	100 ppm TWA	100 ppm TWA 525 mg/m ³ TWA	100 ppm TWA	100 ppm TWA	525 mg/m ³ TWA	100 ppm TWA	100 ppm TWAEV 525 mg/m ³ TWAEV	125 ppm STEL 100 ppm TWA
Polybutene	-	-	-	-	-	-	-	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	10 mg/m ³ STEL 5 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEV 5 mg/m ³ TWAEV	10 mg/m ³ STEL 5 mg/m ³ TWA
Fumed Silica	-	-	-	-	-	-	-	-	-	-
Antimony Dialkyldithiocarbamate	-	-	-	-	-	-	-	-	-	-
Graphite	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWAEV	4 mg/m ³ STEL 2 mg/m ³ TWA
Aluminum	10 mg/m ³ TWA 5 mg/m ³ TWA	1.0 mg/m ³ TWA	1 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	10 mg/m ³ TWAEV 5 mg/m ³ STEV 5 mg/m ³ TWAEV	20 mg/m ³ STEL 10 mg/m ³ STEL 10 mg/m ³ TWA 5 mg/m ³ TWA
Molybdenum di(2-ethylhexyl)phosphorodithioate	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	5 mg/m ³ TWAEV	1.5 mg/m ³ STEL 0.5 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste
Color	Light grey
Odor	Bland odor
Odor threshold	Not available
pH	Not applicable
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C / °F	Not available
Evaporation rate	<1
Flammability (Solid, Gas)	This product is not flammable
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.950
Solubility	0%
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	Not available
Autoignition temperature °F	Not available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable.
Possibility of hazardous	None known.

reactions

Conditions to avoid Avoid heat, sparks, and other sources of ignition.

Incompatible materials None known.

Hazardous decomposition products None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Ingestion. Eyes.

Symptoms Repeated or prolonged exposure may cause irritation to eyes and skin. eye pain, redness, and watering. Ingestion may cause gastrointestinal irritation. If swallowed, nausea, vomiting, and diarrhea may result. Breathing of mist may cause irritation to the respiratory tract and headache. Causes eye and skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure None known.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Odorless Mineral Spirits	-	-	-
Polybutene	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	= 2062 ppm (Rat) 4 h	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat) > 24 g/kg (Rat)
Fumed Silica	> 2.2 mg/L (Rat) 1 h	> 2000 mg/kg (Rabbit)	= 3160 mg/kg (Rat) = 7900 mg/kg (Rat)
Antimony Dialkyldithiocarbamate	-	-	-
Graphite	-	-	> 10000 mg/kg (Rat)
Aluminum	-	-	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	-	-	-

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Odorless Mineral Spirits	-	-	-	-
Polybutene	-	-	-	-
Petroleum distillates, hydrotreated heavy	A2	Group 1	Listed	Known Carcinogen

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
naphthenic				
Fumed Silica	-	Group 3	-	-
Antimony Dialkyldithiocarbamate	-	-	-	-
Graphite	-	-	-	-
Aluminum	A4	-	-	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Odorless Mineral Spirits	-	-	-	-	-	-
Polybutene	-	-	-	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	-	IARC 1	ACGIH A2 ACGIH A4	-	ACGIH A2 ACGIH A4	-
Fumed Silica	-	-	-	-	-	-
Antimony Dialkyldithiocarbamate	-	-	-	-	-	-
Graphite	-	-	-	-	-	-
Aluminum	-	-	ACGIH A4	-	ACGIH A4	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	-	-	ACGIH A3	-	ACGIH A3	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Odorless Mineral Spirits	-	-
Polybutene	-	-
Petroleum distillates, hydrotreated heavy naphthenic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50
Fumed Silica	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static
Antimony Dialkyldithiocarbamate	-	-
Graphite	-	-
Aluminum	-	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	-	-

Persistence and degradability Not readily biodegradable.

Bioaccumulation Bioaccumulative potential

Chemical name	CAS-No	Partition coefficient (log Kow)
Odorless Mineral Spirits 8052-41-3	8052-41-3	-
Polybutene 9003-29-6	9003-29-6	-
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	64742-52-5	-
Fumed Silica 112945-52-5	112945-52-5	-
Antimony Dialkyldithiocarbamate PROPRIETARY	PROPRIETARY	-
Graphite 7782-42-5	7782-42-5	-
Aluminum 7429-90-5	7429-90-5	-
Molybdenum di(2-ethylhexyl)phosphorodithioate 72030-25-2	72030-25-2	-

Mobility in soil This product is not mobile in the soil.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of in accordance with federal, state and local regulations.

Contaminated packaging Dispose in accordance with local, state and federal regulations. Please recycle empty container whenever possible. Do not reuse containers.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT
 ID-No Not Regulated
 Subsidiary Risk
 Packing group

TDG
 ID-No Not Regulated
 Packing group

IATA
 ID-No Not Regulated
 Subsidiary Risk
 Packing group

IMDG/IMO
 ID-No Not Regulated
 Packing group

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Odorless Mineral Spirits	8052-41-3	-	-	-
Polybutene	9003-29-6	-	-	-

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	-	-	-
Fumed Silica	112945-52-5	-	-	-
Antimony Dialkyldithiocarbamate	PROPRIETARY	-	-	-
Graphite	7782-42-5	-	-	-
Aluminum	7429-90-5	-	-	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	72030-25-2	-	-	-

Special Precautions

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
Odorless Mineral Spirits	8052-41-3	X	X	X
Polybutene	9003-29-6	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	X	X	X
Fumed Silica	112945-52-5	X	-	X
Antimony Dialkyldithiocarbamate	PROPRIETARY	-	-	-
Graphite	7782-42-5	X	X	X
Aluminum	7429-90-5	X	X	X
Molybdenum di(2-ethylhexyl)phosphorodithioate	72030-25-2	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Odorless Mineral Spirits	8052-41-3	-
Polybutene	9003-29-6	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	-
Fumed Silica	112945-52-5	-
Antimony Dialkyldithiocarbamate	PROPRIETARY	-
Graphite	7782-42-5	-
Aluminum	7429-90-5	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	72030-25-2	-

California Proposition 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

U.S. Federal Regulations

RCRA - D Series Wastes

Waste likely considered hazardous under RCRA, however, product should be fully characterized prior to disposal (40CFR 261).

US EPA SARA 313

This product contains no listed chemicals subject to reporting

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Odorless Mineral Spirits	8052-41-3	-	-
Polybutene	9003-29-6	-	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	-	-
Fumed Silica	112945-52-5	-	-
Antimony Dialkyldithiocarbamate	PROPRIETARY	-	-
Graphite	7782-42-5	-	-
Aluminum	7429-90-5	-	1.0 %
Molybdenum di(2-ethylhexyl)phosphorodithioate	72030-25-2	-	-

US EPA SARA 311/312 hazardous categorization

Not applicable

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Odorless Mineral Spirits	X	X	-
Polybutene	X	X	-
Petroleum distillates, hydrotreated heavy naphthenic	X	X	-
Fumed Silica	X	X	-
Antimony Dialkyldithiocarbamate	-	-	-
Graphite	X	X	-
Aluminum	X	X	-
Molybdenum di(2-ethylhexyl)phosphorodithioate	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health 1
 Flammability 1
 Instability 1
 Specific hazard None

HMIS

Health 1
 Flammability 1
 Physical hazards 1
 Personal protection A

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

Issue date 11-Jul-2018

Revision date 30-May-2019

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