



Safety Data Sheet

Issue date 11-Jul-2018

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Revision Number 4

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 www.lawsonproducts.com

Methylene Chloride notification No Information Available

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

Signal word Not applicable

Hazard statements Not applicable

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	Not applicable
Response	
General	P321 - For Specific treatment see section 4 of this sds
Skin	Not applicable
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 %
Graphite	7782-42-5	1-10
Aluminum	7429-90-5	1-10
Lead	7439-92-1	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 removing all contaminated clothes and shoes. 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)	Skin irritation. Direct contact with the eyes may cause temporary irritation. eye pain, redness, and watering. Inhalation may cause respiratory tract and mucous membrane irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Most important symptoms (over-exposure)	None known.
Indication of any immediate medical attention and	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions.

special treatment needed**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	Heated vapors may be ignited by flames or sparks. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined.
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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Incompatible with oxidizing agents.

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

Chemical name	OSHA PEL (TWA)	California - PELs	ACGIH OEL (TWA)	NIOSH - TWA
Graphite	15 mg/m ³ TWA 5 mg/m ³ TWA	2.5 mg/m ³ PEL (natural, respirable dust); 10 mg/m ³ PEL (synthetic total dust); 5 mg/m ³ PEL (synthetic respirable fraction)	2 mg/m ³ TWA	2.5 mg/m ³ TWA
Aluminum	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ PEL (total dust); 5 mg/m ³ PEL (respirable fraction) 5 mg/m ³ PEL	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
Lead	: 50 µg/m ³ TWA : 50 µg/m ³ TWA (as Pb)	0.05 mg/m ³ PEL (dust and fume)	0.05 mg/m ³ TWA	0.050 mg/m ³ TWA

Appropriate engineering controls	Ensure adequate ventilation. A safety shower and eye wash station should be available for emergency use.
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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	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
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	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 TWAEV 5 mg/m ³ TWAEV	10 mg/m ³ TWA 5 mg/m ³ TWA
Lead	0.05 mg/m ³ TWA	0.05 mg/m ³ TWA	0.05 mg/m ³ TWA	0.05 mg/m ³ TWA	0.05 mg/m ³ TWA	0.05 mg/m ³ TWA	0.05 mg/m ³ TWA 0.05 mg/m ³ TWA	0.05 mg/m ³ TWA	0.05 mg/m ³ TWAEV	0.05 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	0.93

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 reactions	None known.
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:
Graphite	>2000 mg/m ³ Rat	> 10000 mg/kg Rat	>10000 mg/kg Rat
Aluminum	>0.888 mg/L Rat	-	-
Lead	-	-	-

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 Carcinogens	NTP
Graphite	-	-	-	-
Aluminum	A4	-	-	-
Lead	A3	Group 2A	X	Reasonably Anticipated

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Graphite	-	-	-	-	-	-
Aluminum	-	-	ACGIH A4	-	ACGIH A4	-
Lead	-	IARC 2B	ACGIH A3	ACGIH A3	ACGIH A3	C3 Carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish LC50
Graphite	-	> 100mg/L Danio rerio 96h
Aluminum	-	-
Lead	-	= 0.44mg/L Cyprinus carpio 96h = 1.17mg/L Oncorhynchus mykiss 96h = 1.32mg/L Oncorhynchus mykiss 96h

Persistence and degradability Not readily biodegradable.

Bioaccumulation Bioaccumulative potential

Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
Graphite 7782-42-5	7782-42-5	-	-
Aluminum 7429-90-5	7429-90-5	-	-
Lead 7439-92-1	7439-92-1	-	-

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
Graphite	7782-42-5	-	-	-
Aluminum	7429-90-5	-	-	-
Lead	7439-92-1	-	-	-

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
Graphite	7782-42-5	X	X	X
Aluminum	7429-90-5	X	X	X
Lead	7439-92-1	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Graphite	7782-42-5	-
Aluminum	7429-90-5	-
Lead	7439-92-1	Carcinogen Developmental Female Reproductive Male Reproductive

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).

Methylene Chloride notification No Information Available

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
Graphite	7782-42-5	-	-
Aluminum	7429-90-5	-	1.0 %
Lead	7439-92-1	10 lb 4.54 kg	0.1 %

**US EPA SARA 311/312
hazardous categorization**

Not applicable

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
Graphite	X	-	X	-
Aluminum	X	-	X	-
Lead	X	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health 1
 Flammability 1
 Instability 0
 Specific hazard None

HMIS

Health 1
 Flammability 1
 Physical hazards 0

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).

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDL (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