



This item was discontinued prior to GHS implementation.
A GHS Safety Data Sheet is not available for this item.

Material Safety Data Sheet

Revision Date 28-May-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 19907
Product name Light Oil Lubricant
Recommended Use Lubricant
Supplier Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Vapors extremely irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

Aggravated Medical Conditions

None Known

Principal Routes of Exposure

Eyes. Ingestion. Inhalation. Skin contact. Skin absorption.

Potential health effects

Eyes Exposure to vapors or mists may cause the following effects: Irritation. Pain. Tearing. Reddening. Swelling. Stinging sensation. Feeling like that of fine dust in the eye.

Skin Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Chronic exposure causes drying effect on the skin .

Inhalation Harmful by inhalation. Repeated or prolonged exposure may cause the following effects: Headaches. Dizziness. Nausea. Decreased blood pressure. Changes in heart rate. Cyanosis. Chronic overexposure can cause: . Lung damage.

Ingestion Harmful or fatal if swallowed. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach. Extreme overexposure may cause. Kidney damage. Liver abnormalities.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
VM&P Naphtha	8032-32-4	10-30
Propane/Isobutane/N-Butane	68476-86-8	10-30
Paraffinic Mineral Oil	8042-47-5	3-7

4. FIRST AID MEASURES

Eye contact Flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin contact Flush skin with water. Remove and wash contaminated clothing before re-use. Seek medical attention immediately.

Ingestion Seek medical attention immediately. Do not induce vomiting. Give victim a glass of water or milk. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash point °C -104
Flash point °F -156
Method Pensky-Martens C.C.

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper 9.5
Lower 1.1

Suitable extinguishing media
Alcohol foam. Carbon dioxide. Dry chemical powder. Foam. Water fog.

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

Fire and Explosion Hazards

Flash back possible over considerable distance. Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Place in suitable container for disposal as hazardous waste.

7. HANDLING AND STORAGE**Handling**

Thoroughly wash hands and exposed skin after handling. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. Use only according to label directions. Avoid contact with skin, eyes and clothing. Avoid breathing vapors from heated material .

Storage

Keep away from heat and sources of ignition. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
VM&P Naphtha	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	-
Paraffinic Mineral Oil	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area.

Hygiene measures

Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Protection provided by air purifying respirators is limited. Use a positive pressure supplied air respirator. If there is any potential for an uncontrolled release: where exposure levels are not known, or other circumstances where an air purifying respirator (P100) may not provide adequate protection .

Hand Protection

Chemical resistant gloves.

Eye protection

Use safety eyewear designed to protect against impact.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

Wear appropriate clothing to prevent skin contact. Rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Clear
Odor	Solvent
Odor Threshold	No information available
pH	Not Applicable
Specific Gravity	0.8428
Vapor pressure	80-90
Vapor density	>Air
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Negligible
VOC Content	2.04 lbs/gal; 244 g/l
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	-41 - 142
Boiling point/range °F	-43 - 287
Melting point/range °C	0
Melting point/range °F	32
Flash point °C	-104
Flash point °F	-156

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Do not use near other sources of ignition. Do not use near welding arcs. Avoid open flames.

Incompatibility

Strong acids. Alkalies. Oxidizers. Amines.

Hazardous Decomposition Products

Sulphur oxides. Carbon oxides. Nitrogen oxides (NOx). Chlorides. Chlorine. Phosgene .

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal ,rat/rab bit)	LC50 (inhalation,rat)
VM&P Naphtha 8032-32-4	-	-	3400 ppm
Propane/Isobutane/N-Butane 68476-86-8	-	-	-
Paraffinic Mineral Oil 8042-47-5	5000 mg/kg	-	-

Synergistic Products None known**Potential health effects****Sensitization** None known**Chronic toxicity** None known**Mutagenic effects** None known**Teratogenic effects** None known**Reproductive toxicity** None known**Target Organ Effects** May cause damage to liver. May cause damage to kidneys. Central nervous system.**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
VM&P Naphtha	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Paraffinic Mineral Oil	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

UN1950 Aerosols, flammable, 2.1.

Exception: (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D**TDG**

UN1950 AEROSOLS, flammable, 2.1 Consumer commodity <1L

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
VM&P Naphtha	Not Listed	Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed
Paraffinic Mineral Oil	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
VM&P Naphtha	X	X	-	X
Propane/Isobutane/N-Butane	X	X	-	X
Paraffinic Mineral Oil	X	X	-	X

CPR

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**HMIS****Health - 1
Flammability - 4
Physical Hazard - 0****Prepared By**V. Shargorodsky, Regulatory Affairs
Engineer

Product code **19907**

Product name **Light Oil
Lubricant**

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.