

Issue date 11-Jul-2018

Revision date 05-Aug-2019

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier	Lawson Fifth Wheel Lubricant
Other means of identification	19912
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 corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Liquefied Gas

Symbol



Signal word DANGER

Hazard statements
H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated

H315 - Causes skin irritation
H320 - Causes eye irritation
H304 - May be fatal if swallowed and enters airways

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

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P280 - Wear protective gloves/protective clothing and eye/face protection
P264 - Wash hands thoroughly after handling

Response**General**

P321 - For Specific treatment see section 4 of this sds

Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P362 - Take off contaminated clothing and wash before reuse
P332 + P313 - If skin irritation occurs: Get medical advice/attention

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

Storage

P410 - Protect from sunlight
P403 - Store in a well-ventilated place
P412 - Do not expose to temperatures exceeding 50 °C/122 °F
P405 - Store locked up

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazard(s) Not Otherwise Classified (HNOC)

Not available.

Physical Hazards Not Otherwise Classified (PHNOC)

Not available.

Unknown acute toxicity

0%

3. COMPOSITION/INFORMATION ON INGREDIENTS**Composition**

Mixture.

Chemical name	CAS-No	Weight %
Heptanes	142-82-5	10-30
Propane/Isobutane/N-Butane	68476-86-8	10-30
Petroleum distillates, hydrotreated light	64742-47-8	10-30

The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST-AID MEASURES**Necessary first-aid measures**

Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration by trained personnel. Seek medical attention.
Ingestion	Do NOT induce vomiting. Seek medical attention immediately.
Skin contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention IMMEDIATELY.
Most important symptoms (acute)	Symptoms after eye contact: redness. Tearing. Blurred vision. Symptoms after skin contact: dermatitis. Defatting. Symptoms after inhalation: Anesthetic. Respiratory irritation. Can cause Central Nervous System depression. Symptoms after ingestion: Symptoms include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Most important symptoms (over-exposure)	None known.
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

Suitable extinguishing media	Carbon dioxide (CO ₂). Dry powder. Foam.
Unsuitable extinguishing media	Water stream may spread fire. Water spray may be ineffective.
Specific hazards	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Hazardous Thermal Decomposition Products: Oxides of carbon.
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. Avoid contact with this material. Avoid breathing smoke, fumes and other decomposition products. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition 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	Eliminate all sources of ignition. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean up residue with soap and water.

7. HANDLING AND STORAGE

Precautions for safe handling	Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.
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Conditions for safe storage, including any incompatibilities

Store away from direct sunlight. Store in a cool, dry, and well-ventilated place. Do not expose to temperatures exceeding 122 °F (50 °C). Pressurized container: Do not pierce or burn, even after use. Keep out of reach of children. Incompatible with strong acids, alkalis, or oxidizing agents.

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

See information below

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Heptanes	500 ppm TWA 2000 mg/m ³ TWA	500 ppm STEL 400 ppm TWA	85 ppm TWA 350 mg/m ³ TWA
Propane/Isobutane/N-Butane	-	-	-
Petroleum distillates, hydrotreated light	-	-	-

Appropriate engineering controls

A safety shower and eye wash station should be available for emergency use. Ensure adequate ventilation, especially in confined areas.

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

ANSI approved safety glasses are recommended to prevent accidental eye contact.

Skin and body protection

Wear appropriate chemical resistant gloves. Nitrile gloves are recommended.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Wear a NIOSH approved organic vapor/mist respirator.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Avoid breathing vapors or mists. When using, do not eat, drink or smoke.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Heptanes	500 ppm STEL 2050 mg/m ³ STEL 400 ppm TWA 1640 mg/m ³ TWA	500 ppm STEL 400 ppm TWA	400 ppm TWA 500 ppm STEL	500 ppm STEL 2050 mg/m ³ STEL 400 ppm TWA 1640 mg/m ³ TWA	500 ppm STEL 400 ppm TWA 400 ppm TWA	500 ppm STEL 400 ppm TWA	500 ppm STEL 400 ppm TWA	500 ppm STEL 400 ppm TWA 400 ppm TWA	500 ppm STEV 2050 mg/m ³ STEV 400 ppm TWAEV 1640 mg/m ³ TWAEV	500 ppm STEL 400 ppm TWA
Propane/Isobutane/N-Butane	-	-	-	-	-	-	-	-	-	-
Petroleum distillates, hydrotreated light	-	200 mg/m ³ TWA	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical state**

Aerosol

Color	Dark amber
Odor	Petroleum
Odor threshold	No information available
pH	No data available
Melting point/range °C	No data available
Melting point/range °F	No data available
Boiling point/range °C	82 °C
Boiling point/range °F	180 °F
Flash point °C	-96.4
Flash point °F	-141
Flash point method used	estimated
Evaporation rate	<1 (n-Butyl-Acetate = 1)
Flammability (Solid, Gas)	Extremely Flammable Aerosol
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	30mmHg
Vapor density	> 1 (Air=1)
Relative density	0.782
Solubility	insoluble
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature °C	No data available
Autoignition temperature °F	No data available
Decomposition temperature °C	No data available
Decomposition temperature °F	No data available
Viscosity	>60 cP

10. STABILITY AND REACTIVITY

Reactivity	Certain plastics, rubber and coatings.
Chemical stability	Stable.
Possibility of hazardous reactions	None known.

Conditions to avoid	Do not allow can to exceed 120 degrees Fahrenheit. Avoid heat, sparks, and other sources of ignition.
Incompatible materials	Incompatible with strong acids, alkalis, or oxidizing agents.
Hazardous decomposition products	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

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

Symptoms Adverse symptoms may include the following: May cause severe eye irritation. redness. Tearing. Skin contact may cause localized defatting, irritation, may be absorbed through skin with systemic effects. Pre-existing disorders of the skin, respiratory system and eyes will be aggravated by over exposure to this product. Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, tremor, drowsiness, pulmonary edemas, absorption through the gastrointestinal tract may produce symptoms of CNS depression ranging from unconsciousness to death. May cause dizziness and/or headaches. Causes mild irritation to the respiratory tract. Prolonged exposure may lead to unconsciousness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure eye pain, redness, and watering. Blurred vision. Defatting. dermatitis. Inhalation: Anesthetic, irritation, prolonged exposure may lead to unconsciousness and death. Can cause Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea, consumption of large quantities causes Eye, Central Nervous System damage, and death.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Heptanes	= 103 g/m ³ (Rat) 4 h	= 3000 mg/kg (Rabbit)	-
Propane/Isobutane/N-Butane	-	-	-
Petroleum distillates, hydrotreated light	> 5.2 mg/L (Rat) 4 h	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat)

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
Heptanes	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	-
Petroleum distillates, hydrotreated light	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Heptanes	-	-	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	-	-	-
Petroleum distillates, hydrotreated light	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

See information below

Chemical name	Algae/aquatic plants	Fish
Heptanes	-	375.0: 96 h Cichlid fish mg/L LC50
Propane/Isobutane/N-Butane	-	-
Petroleum distillates, hydrotreated light	-	45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static

Persistence and degradability

Component(s) of this product are not biodegradable.

Bioaccumulation

Does not bioaccumulate

Chemical name	CAS-No	Partition coefficient (log Kow)
Heptanes 142-82-5	142-82-5	4.66
Propane/Isobutane/N-Butane 68476-86-8	68476-86-8	<=2.8
Petroleum distillates, hydrotreated light 64742-47-8	64742-47-8	-

Mobility in soil

This product is mobile in soil.

Other adverse effects

Toxic to aquatic life

13. DISPOSAL CONSIDERATIONS

Disposal information

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

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No UN1950
Proper shipping name Aerosols
Hazard Class(es) 2.1
Subsidiary Risk
Packing group
Special Provisions LTD QTY

TDG

ID-No UN1950
Proper shipping name Aerosols
Hazard Class(es) 2.1
Packing group
Special Provisions LTD QTY

IATA

ID-No UN1950
Proper shipping name Aerosols, flammable
Hazard Class(es) 2.1
Subsidiary Risk
Packing group
Special Provisions LTD QTY

IMDG/IMO

ID-No UN1950
Proper shipping name Aerosols
Hazard Class(es) 2.1
Packing group
Special Provisions LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Heptanes	142-82-5	X	X	X
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Petroleum distillates, hydrotreated light	64742-47-8	-	-	-

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 See information below

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Heptanes	142-82-5	X	X	X
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Petroleum distillates, hydrotreated light	64742-47-8	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Heptanes	142-82-5	-
Propane/Isobutane/N-Butane	68476-86-8	-
Petroleum distillates, hydrotreated light	64742-47-8	-

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

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Heptanes	142-82-5	-	-
Propane/Isobutane/N-Butane	68476-86-8	-	-
Petroleum distillates, hydrotreated light	64742-47-8	-	-

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

Fire Hazard
Acute Health Hazard
Chronic Health Hazard

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Heptanes	X	X	X
Propane/Isobutane/N-Butane	X	X	-
Petroleum distillates, hydrotreated light	X	X	-

Legend X - Listed

16. OTHER INFORMATION**NFPA**

Health 1
Flammability 3
Instability 0
Specific hazard None

HMIS

Health 1
Flammability 3
Physical hazards 0
Personal protection B

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 & Ink Association.

Coatings Association (NPCA).

Prepared by Regulatory Affairs

Issue date 11-Jul-2018

Revision date 05-Aug-2019

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