

Issue date 17-May-2018

Revision date 26-Aug-2019

Revision Number 3

1. IDENTIFICATION

Product identification

Product identifier	Lawson The Stripper Gasket Remover
Other means of identification	83841
Recommended use	Solvent
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>

Methylene Chloride notification This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

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.

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 1
Aspiration toxicity	Category 1
Flammable aerosols	Category 2
Gases under pressure	Compressed gas

Symbol



Signal word	DANGER
Hazard statements	H315 - Causes skin irritation H319 - Causes serious eye irritation H280 - Contains gas under pressure; may explode if heated H302 - Harmful if swallowed H312 - Harmful in contact with skin H332 - Harmful if inhaled H304 - May be fatal if swallowed and enters airways H223 - Flammable aerosol H351 - Suspected of causing cancer H370 - Causes damage to organs
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	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P264 - Wash face, hands and any exposed skin thoroughly after handling P280 - Wear protective gloves/protective clothing and eye/face protection P271 - Use only outdoors or in a well-ventilated area 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 P270 - Do not eat, drink or smoke when using this product P260 - Do not breathe dust/fume/gas/mist/vapors/spray
Response	
General	P308 + P313 - IF exposed or concerned: Get medical advice/attention 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 P332 + P313 - If skin irritation occurs: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse
Inhalation	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell
Ingestion	P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P330 - Rinse mouth P331 - Do NOT induce vomiting
Fire	P370 + P378 - In case of fire: Use appropriate method to extinguish
Spill	P391 - Collect spillage

Storage	P405 - Store locked up P403 + P233 - Store in a well-ventilated place. Keep container tightly closed P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
Disposal	P501 - Dispose of contents/ container to an approved waste disposal plant
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	Emergency Overview, Harmful if absorbed through the skin or inhaled, Poison!, MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED, Cannot be made nonpoisonous, Compositions containing >4% methanol must be labeled with skull and crossbones and bear the warning: 'Poison - cannot be made nonpoisonous. May be fatal or cause blindness if swallowed'.
--------------------	---

Chemical name	CAS-No	Weight %
Methylene chloride	75-09-2	70-80
Propane/Isobutane/N-Butane	68476-86-8	20-30
Methyl alcohol	67-56-1	1-10
Propylene oxide	75-56-9	0.1-1

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

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	Avoid contact with eyes, skin, and clothing. Avoid breathing dust/fume/gas/mist/vapors/spray.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion	Do NOT induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.
Skin contact	Wash off immediately with plenty of water. If irritation occurs discontinue use and consult a physician.
Eye contact	Flush with plenty of water for at least 15 minutes. Immediate medical attention is required.
Most important symptoms (acute)	Causes serious eye irritation. Inhalation causes Central Nervous System effects. Ingestion causing lung damage.
Most important symptoms (over-exposure)	Causes serious eye irritation. Inhalation causes Central Nervous System effects. Ingestion causing lung damage.
Indication of any immediate medical attention and special treatment needed	Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water fog. Dry chemical. Carbon dioxide (CO ₂). Foam. Cool containers / tanks with water spray.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards	Flammable. Sensitivity to static discharge. Keep product and empty container away from heat and sources of ignition.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use with adequate ventilation to keep exposure levels below the OELs. Report spills as required by local and federal regulations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.
Methods and materials for containment and cleaning up	Prevent further leakage or spillage if safe to do so. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Contain liquid and collect with an inert, non-combustible material. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin, nail, or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a cool, well-ventilated place. Store away from oxidizers. Store away from acids. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labelled containers. Keep out of reach of children. Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Methylene chloride	125 ppm STEL (see 29 CFR 1910.1052) 25 ppm TWA	50 ppm TWA	-
Propane/Isobutane/N-Butane	-	-	-
Methyl alcohol	200 ppm TWA 260 mg/m ³ TWA	250 ppm STEL 200 ppm TWA Skin	250 ppm STEL 325 mg/m ³ STEL 200 ppm TWA 260 mg/m ³ TWA
Propylene oxide	100 ppm TWA 240 mg/m ³ TWA	2 ppm TWA	-

Appropriate engineering controls	Use adequate ventilation to keep the exposure levels below the OELs. A safety shower and eye wash station should be available for emergency use.
---	--

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

Eye protection	Safety glasses with side-shields.
Skin and body protection	Chemical resistant apron. Protective gloves.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respirator is recommended. Positive-pressure supplied air respirators may be required for high airborne contaminant concentration. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

**Canadian Province Occupational
Exposure Limits**

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Methylene chloride	50 ppm TWA 174 mg/m ³ TWA	25 ppm TWA	50 ppm TWA	50 ppm TWA 174 mg/m ³ TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA 174 mg/m ³ TWA	63 ppm STEL 75 ppm STEL 50 ppm TWA
Propane/Isobutane/ N-Butane	-	-	-	-	-	-	-	-	-	-
Methyl alcohol	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA	200 ppm TWA 250 ppm STEL	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA
Propylene oxide	2 ppm TWA 4.7 mg/m ³ TWA	2 ppm TWA	2 ppm TWA	20 ppm TWA 48 mg/m ³ TWA	2 ppm TWA	2 ppm TWA	2 ppm TWA	2 ppm TWA	20 ppm TWA 48 mg/m ³ TWA	4 ppm STEL 2 ppm TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Color	Clear
Odor	Solvent
Odor threshold	Not available
pH	Not available
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	-96.4
Flash point °F	-141
Flash point method used	based on propellant
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.116
Solubility	Practically insoluble in water
Partition coefficient (n-octanol/water)	Not available
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	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Avoid direct sunlight. Avoid extreme temperatures.
Incompatible materials	Incompatible with oxidizing agents. Acids. Avoid contact with metals. Reaction with strong reducing agents such as metal hydrides, acetic anhydride or alkali metals will generate hydrogen gas which could create an explosive hazard.
Hazardous decomposition products	carbon oxides. Fumes. Hydrogen chloride. Phosgene. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

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

Symptoms

Exposure to high vapor concentrations may cause nervous system effects such as headache, nausea, and dizziness. Harmful in contact with skin. Irritating to eyes and skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). May cause dizziness and drowsiness. May cause respiratory irritation. Aspiration hazard. Harmful or fatal if aspirated into the lungs from ingestion or vomiting.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis. May cause cancer. May be fatal if swallowed and enters airways. Target Organ Effects: Central Nervous System (CNS), Central Vascular System (CVS), Eyes, Respiratory System, Skin. Gastrointestinal tract (GI). Lungs. Liver.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Methylene chloride	= 53 mg/L (Rat) 6 h = 76000 mg/m ³ (Rat) 4 h	-	= 1600 mg/kg (Rat)
Propane/Isobutane/N-Butane	-	-	-
Methyl alcohol	= 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h	= 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit)	= 6200 mg/kg (Rat)
Propylene oxide	= 0.948 mg/L (Rat) 4 h	= 1244 mg/kg (Rabbit)	= 520 mg/kg (Rat)

ATEmix (dermal) 9742 mg/kg

ATEmix (oral) 3231 mg/kg

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) 16.3 mg/l

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Methylene chloride	A3	Group 2A	Listed	Reasonably Anticipated Carcinogen
Propane/Isobutane/N-Butane	-	-	-	-
Methyl alcohol	-	-	-	-
Propylene oxide	A3	Group 2B	Listed	Reasonably Anticipated Carcinogen

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Methylene chloride	-	IARC 2A	ACGIH A3	ACGIH A3	ACGIH A3	C2 carcinogen

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Propane/Isobutane/N-Butane	-	-	-	-	-	-
Methyl alcohol	-	-	-	-	-	-
Propylene oxide	-	IARC 2B	ACGIH A3	ACGIH A3	ACGIH A3	C2 carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Methylene chloride	500: 96 h Pseudokirchneriella subcapitata mg/L EC50 500: 72 h Pseudokirchneriella subcapitata mg/L EC50	140.8 - 277.8: 96 h Pimephales promelas mg/L LC50 flow-through 193: 96 h Lepomis macrochirus mg/L LC50 static 193: 96 h Lepomis macrochirus mg/L LC50 flow-through 262 - 855: 96 h Pimephales promelas mg/L LC50 static
Propane/Isobutane/N-Butane	-	-
Methyl alcohol	-	28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through
Propylene oxide	240: 96 h Pseudokirchneriella subcapitata mg/L EC50	215: 96 h Lepomis macrochirus mg/L LC50 static

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Methylene chloride 75-09-2	75-09-2	1.25
Propane/Isobutane/N-Butane 68476-86-8	68476-86-8	<=2.8
Methyl alcohol 67-56-1	67-56-1	-0.77
Propylene oxide 75-56-9	75-56-9	0.08

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of in accordance with federal, state and local regulations. This material as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated packaging Do not reuse containers.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Subsidiary Risk	6.1
Packing group	
Special Provisions	LTD QTY

TDG

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Subsidiary Risk	6.1
Packing group	
Special Provisions	LTD QTY

IATA

ID-No	UN1950
Proper shipping name	Aerosols, flammable
Hazard Class(es)	2.1
Subsidiary Risk	6.1
Packing group	
Special Provisions	LTD QTY

IMDG/IMO

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Subsidiary Risk	6.1
Packing group	
EmS No	F-D, S-U
Special Provisions	LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Methylene chloride	75-09-2	-	-	-
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Methyl alcohol	67-56-1	-	-	-
Propylene oxide	75-56-9	-	-	-

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
Methylene chloride	75-09-2	X	X	X
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Methyl alcohol	67-56-1	X	X	X
Propylene oxide	75-56-9	X	X	X

California Prop. 65

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

Chemical name	CAS-No	California Prop. 65
Methylene chloride	75-09-2	Carcinogen
Propane/Isobutane/N-Butane	68476-86-8	-
Methyl alcohol	67-56-1	Developmental
Propylene oxide	75-56-9	Carcinogen

U.S. Federal Regulations

Methylene Chloride notification This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Methylene chloride	75-09-2	1000 lb 454 kg 1 lb 0.454 kg	0.1 %
Propane/Isobutane/N-Butane	68476-86-8	-	-
Methyl alcohol	67-56-1	5000 lb 2270 kg	1.0 %
Propylene oxide	75-56-9	100 lb 45.4 kg	0.1 %

US EPA SARA 311/312 hazardous categorization

Sudden Release of Pressure Hazard
Fire Hazard
Chronic Health Hazard
Acute 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
Methylene chloride	X	X	-
Propane/Isobutane/N-Butane	X	X	-
Methyl alcohol	X	X	-
Propylene oxide	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	4
Instability	0

HMIS

Health	2 *
Flammability	4
Physical hazards	1
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 & Coatings Association (NPCA).

Prepared by Regulatory Affairs

Issue date 17-May-2018

Revision date 26-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 Substances 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