



Material Safety Data Sheet

Revision Date 30-May-2014

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code P50087
Product name Leak Chek
Recommended Use Lubricant

Supplier Kent Automotive
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
(888) 426-4851

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable. Contents under pressure. May cause eye/skin irritation. May cause irritation of respiratory tract.

Aggravated Medical Conditions

None Known

Principal Routes of Exposure

Skin contact. Inhalation. Eyes.

Potential health effects

Eyes Exposure to vapors or mists may cause the following effects: Irritation. Redness. Itching. Burning sensation.

Skin Repeated or prolonged exposure may cause: Skin Irritation. Redness. Itching. Burning sensation.

Inhalation Exposure to vapors may cause the following effects. Upper respiratory tract irritation. Headaches. Dizziness. Nausea. Loss of coordination. Extreme overexposure may cause. Central nervous system depression. Cardiovascular conditions. Liver damage. Reproductive system damage. Urinary system effects. Possible unconsciousness. Death. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Ingestion Harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Toluene	108-88-3	15-40
Butane	106-97-8	10-30
Propane	74-98-6	10-30
Heptanes	142-82-5	10-30
Light Aliphatic Naptha Solvent	64742-89-8	5-10
Calcium Carbonate	471-34-1	1-5
Carbon Black	1333-86-4	0.1-1

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.

Skin contact Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

Ingestion Do Not induce vomiting. Seek medical attention immediately.

Inhalation Remove to fresh air. Restore breathing. Keep warm and quiet.

5. FIRE FIGHTING MEASURES

Flash point °C < -17.78
Flash point °F < 0
Method Tag Closed Cup

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

Flammability Limits (% in Air)
Upper 21.0
Lower 0.9

Specific Information for Aerosol Products

Flame extension > 36"
Flashback Yes

Suitable extinguishing media

Carbon dioxide (CO₂). Dry chemical. Alcohol foam.

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

Containers may vent or burst under extreme or prolonged fire conditions. Flash back possible over considerable distance. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Sensitivity to shock

No information available.

Sensitivity to static discharge

Yes. Take precautionary measures against static discharges.

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

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE**Handling**

Keep away from open flames, hot surfaces and sources of ignition. Vapors may accumulate readily and may ignite explosively. Ensure adequate ventilation. Do not smoke. Turn off other sources of ignition prior to use and until all vapors have dissipated. Contents under pressure. Do not puncture or incinerate. Do not take internally. Keep out of reach of children. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Standard safety precautions should be observed when handling this material.

Storage

Containers exposed to extreme heat may burst. Keep away from direct sunlight. Keep away from heat and sources of ignition. Store in temperatures below 120 degrees F (50 degrees C) .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm	-
Butane	800 ppm	-	-	1000 ppm
Heptanes	500 ppm 2000 mg/m ³	-	400 ppm	500 ppm
Toluene	200 ppm	300 ppm	20 ppm	-
Carbon Black	3.5 mg/m ³	-	3 mg/m ³	-
Light Aliphatic Naptha Solvent	-	-	-	-
Calcium Carbonate	-	-	-	-

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. Use in a well ventilated area. Local: recommended. Consult OSHA standard 1910.94, 1910.107, 1910.108.

Hygiene measures

Wash hands before eating or using the washroom. Remove and wash contaminated clothing before re-use. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing.

Other precautions

This coating may contain materials classified as nuisance particulates which may be present at hazardous levels only during sanding or abrading of the dried film. The applicable limits for nuisance dusts are ACGIH TLV 10mg/m³ (total dust), 3mg/m³ (respirable fraction), OSHA PEL 15mg/m³ (total dust), 5mg/m³ (respirable fraction).

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Wear a NIOSH approved organic vapor/particulate respirator. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

Hand Protection

Gloves are not required in normal use. The following gloves are recommended for prolonged or repeated contact: . Chemical resistant gloves.

Eye protection

Wear safety glasses with side shields.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Colorless
Odor	No information available
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.74
Vapor pressure	No data available
Density	6.18 lb/gal; 740 g/l
Vapor density	>Air
Evaporation Rate	>1 (Ether =1)
Water solubility	No data available
VOC Content	74.97%
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	< -18-246
Boiling point/range °F	< 0-475
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	< -17.78
Flash point °F	< 0

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

None known.

Incompatibility

None known.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Propane 74-98-6	-	-	658 mg/L
Butane 106-97-8	-	-	658 g/m ³
Heptanes 142-82-5	-	3000 mg/kg	103 g/m ³
Toluene 108-88-3	636 mg/kg	8390 mg/kg	12.5 mg/L
Carbon Black 1333-86-4	-	-	-
Light Aliphatic Naphtha Solvent 64742-89-8	-	3000 mg/kg	-
Calcium Carbonate 471-34-1	6450 mg/kg	-	-

Synergistic Products

None known

Specific Hazards

Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain damage.

Potential health effects**Sensitization**

None known

Chronic toxicity

See Section 2 .

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

May cause adverse reproductive effects.

Target Organ Effects

See Section 2.

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Heptanes	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Toluene	A4	Not Listed	Not Listed	Not Listed	Not Listed
Carbon Black	A3	Group 2B	Not Listed	Not Listed	Listed
Light Aliphatic Naphtha Solvent	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Toluene****Microtox Data***Photobacterium phosphoreum* EC50=19.7 mg/L (30 min)**Water Flea Data***Daphnia magna* EC50=9.83 mg/L (48 h)*Daphnia magna* EC50=11.5 mg/L (48 h)**Ecotoxicity effects** No information available**13. DISPOSAL CONSIDERATIONS****Disposal Information**

As supplied, this product is a RCRA Hazardous Waste . Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal. Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

UN1950 Aerosols, flammable, 2.1. Consumer commodity, ORM-D. This product meets the "Limited quantity" exemption

TDG

UN1950 AEROSOLS, flammable, 2.1 Consumer commodity, ORM-D. This product meets the "limited quantity" exemption

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Propane	Listed	Listed	Not Listed
Butane	Listed	Listed	Not Listed
Heptanes	Listed	Listed	Not Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Toluene	Listed	Listed	Developmental Female Reproductive
Carbon Black	Not Listed	Listed	Carcinogen
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Not Listed	Not Listed

Chemical Name	Type
Toluene - 108-88-3	Female Reproductive

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

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Propane	X	X	-	X
Butane	X	X	-	X
Heptanes	X	X	-	X
Toluene	X	X	-	X
Carbon Black	X	X	-	X
Light Aliphatic Naptha Solvent	X	X	-	X
Calcium Carbonate	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 - 2 *
 Flammability - 3
 Physical Hazard - 0

Prepared By

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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.