



# Material Safety Data Sheet

Revision Date 11-Jul-2014

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** P92660  
**Product name** Gel Lube  
**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. Irritant. May be harmful if swallowed.

### Aggravated Medical Conditions

None Known.

### Principal Routes of Exposure

Eyes. Skin contact. Inhalation.

### Potential health effects

**Eyes** May cause the following effects: Irritation. Redness. Itching. Burning sensation.

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

**Inhalation** Repeated or prolonged exposure may cause the following effects: Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexposure may cause. Possible unconsciousness. Death. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

**Ingestion** May be harmful if swallowed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Heptanes	142-82-5	10-30
Acetone	67-64-1	10-30
Propane	74-98-6	7-13

Butane	106-97-8	7-13
Methylcyclohexane	108-87-2	0.5-1.5
Light Aliphatic Naptha Solvent	64742-89-8	0.5-1.5

## 4. FIRST AID MEASURES

**Eye contact** Flush with plenty of water 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.

**Ingestion** Do Not induce vomiting. Give several glasses of water. Seek medical attention.

**Inhalation** Remove from exposure. Restore breathing. Keep warm and quiet. Contact physician if breathing difficulty develops.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** < -17  
**Flash point °F** < 0  
**Method** No information available

**Autoignition temperature °C** Not Applicable  
**Autoignition temperature °F** Not Applicable

### Flammability Limits (% in Air)

**Upper** 12.8  
**Lower** 1.0

### Suitable extinguishing media

Carbon dioxide (CO2). Dry chemical powder. 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**

Keep product and empty container away from heat and sources of ignition. Containers exposed to extreme heat may burst. In the event of fire and/or explosion do not breathe fumes. Contact with open flame or hot surfaces may generate toxic fumes. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. 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.

**Sensitivity to shock**

No information available.

**Sensitivity to static discharge**

No information available.

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

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

**7. HANDLING AND STORAGE****Handling**

Ensure adequate ventilation. Keep container closed when not in use. Remove all sources of ignition. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Avoid contact with skin and eyes. Contents under pressure. Do not puncture or incinerate. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Ground and bond containers when transferring material. Do not take internally. Keep out of reach of children.

**Storage**

Store in temperatures below 120 degrees F (50 degrees C). Store in a well ventilated area. Vapors may accumulate readily and may ignite explosively.

**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 <sup>3</sup>	-	1000 ppm	-
Butane	800 ppm	-	-	1000 ppm
Heptanes	500 ppm 2000 mg/m <sup>3</sup>	-	400 ppm	500 ppm
Light Aliphatic Naptha Solvent	-	-	-	-
Methylcyclohexane	500 ppm 2000 mg/m <sup>3</sup>	-	400 ppm	-
Acetone	1000 ppm 2400 mg/m <sup>3</sup>	-	500 ppm	750 ppm

**Ventilation and Environmental Controls**

Provide adequate ventilation to keep exposure limits below applicable limits.

**Hygiene measures**

Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

**Respiratory protection**

Wear a NIOSH approved organic vapor/particulate respirator. 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**

Gloves are not required in normal use. 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.

**Eye protection**

Use safety eyewear designed to protect against splash of liquids.

**Skin and body protection**

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	Aerosol
Color	Colorless
Odor	No information available
Odor Threshold	Not Applicable
pH	Not Applicable
Specific Gravity	0.72
Vapor pressure	Not Applicable
Density	6.00 lb/gal; 718 g/l
Vapor density	>1 (Air = 1)
Evaporation Rate	>1 (Ether =1)
Water solubility	No data available
VOC Content	49%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	< -18 - 114
Boiling point/range °F	< 0 - 238
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	< -17
Flash point °F	< 0

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

None known.

**Incompatibility**

None.

**Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide.

**Polymerization**

Hazardous polymerization does 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 <sup>3</sup>
Heptanes 142-82-5	-	3000 mg/kg	103 g/m <sup>3</sup>
Light Aliphatic Naphtha Solvent 64742-89-8	-	3000 mg/kg	-
Methylcyclohexane 108-87-2	-	-	-
Acetone 67-64-1	-	-	50100 mg/m <sup>3</sup>

**Synergistic Products**

None known

**Specific Hazards**

Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

**Potential health effects****Sensitization**

None known

**Chronic toxicity**

See Section 2 . Repeated and prolonged exposure to solvents may cause brain and nervous system damage.

**Mutagenic effects**

None known

**Teratogenic effects**

None known

**Reproductive toxicity**

None known

**Target Organ Effects**

Prolonged or repeated occupational overexposure may affect the following: Brain. Nervous system.

**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

Light Aliphatic Naphtha Solvent	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methylcyclohexane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Acetone	A4	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION****Acetone****Microtox Data***Photobacterium phosphoreum* EC50=14500 mg/L (15 min)**Water Flea Data***Daphnia magna* EC5010294 - 17704 mg/L (48 h)*Daphnia magna* EC5012600 - 12700 mg/L (48 h)**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.

**Waste from residues / unused products**

Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

**14. TRANSPORTATION INFORMATION****DOT**

Consumer commodity, ORM-D.

**TDG**

UN1950 AEROSOLS, flammable, 2.1

**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
Light Aliphatic Naphtha Solvent	Not Listed	Not Listed	Not Listed
Methylcyclohexane	Listed	Listed	Not Listed
Acetone	Not Listed	Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Propane	X	X	-	X
Butane	X	X	-	X
Heptanes	X	X	-	X

Product code **P92660**

Product name **Gel Lube**

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Chemical Name	EINECS	DSL	NDSL	TSCA
Light Aliphatic Naptha Solvent	X	X	-	X
Methylcyclohexane	X	X	-	X
Acetone	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 - 4**

**Physical Hazard - 0**

#### **Prepared By**

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Engineer

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.