

MATERIAL SAFETY DATA SHEET 57200  
KELLOGGS PROFESSIONAL PRODUCTS, INC.

SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: HEAVY DUTY PURE SILICONE LUBRICANT 57200 IDENTIFICATION NUMBER 105 DATE PRINTED: 09/07/05  
PRODUCT CLASS: SILICONE LUBRICANT Formula: L/N 02-124-04A PREPARED BY: CUSTOMER SERVICE  
SUPPLIER/DISTRIBUTOR: KELLOGG'S PROFESSIONAL PRODUCTS, INC.  
MANUFACTURED FOR: 325 PEARL STREET  
SANDUSKY, OH 44870  
EMERGENCY TELEPHONE: 419-625-6551 M – F 8:30AM – 5:00PM

SECTION 2 – COMPOSITION /INFORMATION ON INGREDIENTS

This product contains hazardous ingredients: YES

ITEM:	CHEMICAL/ COMMON NAME	CAS NUMBER	WT/WT % (LESS THAN)	PEL-OSHA	TLV - ACGIH
01	Liquefied Petroleum Gas Repellent	68476-86-8	40 - 50%	1000 ppm	1000 ppm
02	Essentially Propane/	74-98-6			
03	Isobutane	75-28-5			
04	Polydimethylsiloxane	63148-62-6	5 – 10%	N.E.	N.E.
05	(A) N-Heptane	142-82-5		400 ppm	400 ppm
06	(B) Other Heptane Isomers	None		N.E.	N.E.
07	(C) Methylcyclohexane	108-87-2		400 ppm	400 ppm
08	Mixed solvents (A), (B), (C)		10 – 20%		
09	Hydrocarbon Solvent	64742-47-8	1 – 10%	N.E.	N.E.
10	Acetone	67-64-1	10 – 20%	500 ppm	1000 ppm
11	Perchloroethylene	127-18-4	15 – 25%	25 ppm	100 ppm

\* See Section 16 for abbreviation legend.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC OR OSHA): Perchloroethylene: NTP-2B, IARC-2b, OSHA – NOT LISTED

SECTION 3 – HAZARDOUS IDENTIFICATION

Hazardous Material Identification System:

Health	1	Reactivity	0
Flammability;	4	Protection	X

\*\* EMERGENCY OVERVIEW \*\* Vapors may be irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

EYE CONTACT: Irritation. Symptoms may be burning, tearing, redness and/or swelling.

SKIN CONTACT: Irritation. Symptoms may be burning, drying, redness, cracking.

INHALATION: Nasal and respiratory irritation. CNS depress including dizziness, fatigue, nausea, headache, possible unconsciousness and even death with gross overexposure.

INGESTION: Irritation. (Gastrointestinal), nausea, vomiting. Aspiration of the material into the lungs can cause chemical pneumonitis which can be fatal. This material may be harmful or fatal if swallowed. If a "corrosive" product, may cause severe and permanent damage to mouth, throat and stomach.

CHRONIC HAZARDS: Overexposure may cause nervous system damage, lung damage or kidney damage.

PRIMARY ROUTE (S) OF ENTRY: SKIN CONTACT

EYE CONTACT

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not know, however, diseases of the respiratory system and skin disorders may be aggravated by exposure.

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**SECTION 4 – EMERGENCY FIRST AID MEASURES**

- FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
- FIRST AID - SKIN CONTACT:** Do not spray directly onto skin. If accidentally discharged onto skin, immediately flush skin with plenty of water. Remove and launder clothing separately before reuse. Get medical attention immediately.
- FIRST AID – INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
- FIRST AID – INGESTION:** Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Aspiration into lungs during vomiting can cause chemical pneumonia which can be fatal

**Note to Physicians** – Exposure to high concentrations of this material (e.g. in enclosed space or with deliberate abuse) may be associated with cardiac arrhythmias. The use of epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias.

**SECTION 5 – FIRE FIGHTING MEASURES**

- |  |                               |     |
|--|-------------------------------|-----|
| <b>FLASH POINT (Method Used):</b> < 0° F                       | <b>FLAMMABLE LIMITS:</b>      |     |
| <b>EXTINGUISHING MEDIA:</b> Carbon dioxide, foam, dry chemical | <b>LOWER EXPLOSIVE LIMIT:</b> | N/I |
|  | <b>UPPER EXPLOSIVE LIMIT:</b> | N/I |

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Firefighters should wear self-contained breathing apparatus (SCBA) with full face piece operated in a positive pressure mode. See Decomposition Products.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use equipment or shielding to protect personnel against bursting, rupturing or venting containers. At elevated temps (>130°F) aerosol containers may burst, vent or rupture. As in any fire, wear self-contained breathing apparatus (SCBA) pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Cooling with water streams may be helpful.

**INCOMPATIBILITY:** (Materials to Avoid) – Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS** – Not determined; however, we would expect CO<sub>2</sub>, CO, SiO<sub>2</sub>, formaldehyde and various incompletely burned hydrocarbon products, chlorine, hydrochloric acid and possibly small quantities of phosgene.

**NOTICE**

This product contains methylpolysiloxanes, which when heated to temperatures above 300°F (150°C), in the presence of air, can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, eye and throat irritant, and an acute toxicant. Vapors irritate eyes, nose and throat. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA permissible exposure limits for formaldehyde. (NOTE – This product does not contain formaldehyde.)

**WILL HAZARDOUS POLYMERIZATION OCCUR?** - NO

**CONDITIONS TO AVOID FOR POLYMERIZATION** -- N/A

**CONDITIONS TO AVOID FOR STABILITY :** Avoid heat sufficient to burst can, and spraying into flame or onto red hot surfaces, or exposing spray to sparks or other sources of ignition which may cause it to ignite.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**IF PRODUCT IS ACCIDENTLY RELEASED / SPILLED:** Remove from any source of ignition. Ventilate area. Use protective equipment consistent with the situation. Place residue into metal containers for proper disposal. Remove residue sufficiently to prevent slippery condition developing.

**WASTE DISPOSAL METHODS:** Consult federal, state and local regulations. Do not puncture or incinerate (burn) containers. Give empty, leaking or full containers to a disposal service equipped to safely handle and dispose.

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SECTION 7 – HANDLING AND STORAGE

**HANDLING:** Wash thoroughly after handling.

**STORAGE:** Keep away from heat, sparks and flame. Keep from freezing.  
Store in a cool dry area, out of direct sunlight.

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

**ENGINEERING CONTROLS AND VENTILATION:** LOCAL EXHAUST: To maintain <PEL/TLV; **MECHANICAL (General):** To maintain <PEL/TLV;  
**SPECIAL:** To maintain <PEL/TLV; **OTHER:** To maintain <PEL/TLV

**RESPIRATORY PROTECTION:** Generally not required if sufficient ventilation is provided. If PEL/TLV of product or any of its components is exceeded, an approved organic vapor mask should be used.

**PROTECTIVE INDUSTRIAL EQUIPMENT / CLOTHING STANDARDS SHOULD BE FOLLOWED.**

**PROTECTIVE GLOVES:** Where prolonged or repeated contact with spray mist or the deposited product is likely, wear neoprene or similar resistant gloves.

**OTHER PROTECTIVE EQUIPMENT:** As required by your company, eye protection is suggested. Wear goggles or safety glasses with side shields if contact with spray is likely.

**OTHER ENGINEERING CONTROLS:** To determine exposure levels, monitoring should be performed.

**WORK PRACTICES:** Do not use in confined or closed space. Ventilation should maintain concentration of product or its components below their PEL/TLV.

**HYGIENIC PRACTICES:** Wash hands thoroughly before eating or smoking after using this or any chemical product.

**MAINTENANCE PRECAUTIONS:** Do not remove or deface label.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (F) - N/A

Specific Gravity (water = 1) <1

Vapor Density (Air=1) >1

Vapor Pressure (PSIG) 50+/- 10%

Volatile by Volume (%) >95

Evaporation Rate (ether=1) Slower

Solubility in Water – Negligible

Appearance and Odor Information: Clear mist with sharp odor of perchloroethylene solvent as dispensed from aerosol package.

SECTION 10 – STABILITY AND REACTIVITY

**OTHER PRECAUTIONS:** Read and follow directions and cautions on the label and any accompanying literature.

Avoid heat sufficient to burst can, and spraying into flame or onto red hot surfaces, or exposing spray to sparks or other sources of ignition.

SECTION 11–COMPONENT TOXICOLOGICAL PROPERTIES

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SECTION 12 – ECOLOGICAL INFORMATION

NO ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Do not puncture or incinerate (burn) containers. Give empty, leaking or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY

DOT TECHNICAL NAME: ORM-D

DOT HAZARD CLASS:

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

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SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS AS FOLLOWS:

OSHA: Hazardous by definition of Hazard communication Standard (29 CFR 1910.1200)

CERCLA – SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories.

IMMEDIATE HEALTH HAZARD

CHRONIC HEALTH HAZARD

FIRE HAZARD

PRESSURIZED GAS HAZARD

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME

CAS NUMBER

WT/WT% IS LESS THAN

TOXIC SUBSTANCES CONTROL ACT: This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME

CAS NUMBER

U.S STATE REGULATIONS AS FOLLOWS:

NEW JERSEY RIGHT-TO-KNOW: The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME

CAS NUMBER

PENNSYLVANIA RIGHT-TO-KNOW: The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME

CAS NUMBER

CALIFORNIA PROPOSITION 65: **WARNING** - The chemical (s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT.

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INTERNATIONAL REGULATIONS AS FOLLOWS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings

CANADIAL WHMIS CLASS: No information available.

SECTION 16 – OTHER INFORMATION

PREVIOUS MSDS REVISION DATE: 4/26/05

LEGEND:            *N.A.- Not Applicable*        *N.E. – Not Established,*        *N.D – Not Determined*

24 HOUR – EMERGENCY NUMBER: 1-800-424-9300

\* The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.