



The following SDS references the products below:

Max Pro Heavy Duty Silicone Lubricant

Vendor Item Number: 4040

Manufactured By:

Max Pro

Distributed by Kimball Midwest with the KM product-
identification number:

80-8695

1 Identification

GHS Product Identifier

Product form: Mixture
 Trade name: Max Pro Heavy Duty Silicone Lubricant (7%)
 Product code: 4040

Recommended use of the chemical and restriction on use

Silicone-based multi-purpose lubricant

Supplier's details

Max Pro
 P.O. Box 9962
 Ft. Lauderdale, FL 33310 USA

Tel.: 954-972-3338

Emergency phone number

CHEMTREC 24 Hour Emergency Response
 USA & Canada 800-424-9300

2 Hazard(s) identification

GHS label elements

Danger



Flammable aerosol

Contains gas under pressure; may explode if heated

Harmful if swallowed

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not pierce or burn, even after use.

Store in a well-ventilated place. Keep cool.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Acetone	67-64-1		1.88	
n-hexane	110-54-3		67.6	
Cyclohexane	110-82-7		1.13	
Dimethylpolysiloxane	63148-62-9		4.96	

74-98-6	14.61	Petroleum Hydrocarbon
75-28-5	3.93	Petroleum Hydrocarbon
106-97-8	5.89	Petroleum Hydrocarbon

4 First-aid measures

Description of necessary first-aid measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Skin:	Flush with cool water. Wash affected area with soap and water. If signs/symptoms persist, get medical attention.
Eye contact:	Immediately flush with large amounts of cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation persist.
Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately. Give artificial respiration or oxygen if needed.
Ingestion:	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

5 Fire-fighting measures

Suitable extinguishing media

Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

Specific hazards arising from the chemical

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

Special protective actions for fire-fighters

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area. Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

Methods and materials for containment and cleaning up

Methods for containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a

non-flammable absorbent such as sand or vermiculite.

7 Handling and storage

Precautions for safe handling

Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.

Conditions for safe storage, including any incompatibilities

Do not store above 120°F or in direct sunlight. U.F.C (NFPA 30B) Level 2 Aerosol. Keep out of reach of children.

8 Exposure controls/personal protection

Control parameters

Chemical	Occupational Exposure Limits		
n-Hexane	110-54-3	TWA	50
Acetone	67-64-1	TWA	1000
Propane	74-98-6	TWA	1000
Butane	106-97-8	TWA	800

Appropriate engineering controls

Do not use in a confined area or areas with little or no air movement. Use general dilution ventilation and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

Individual protection measures

Respiratory protection:	Do not breathe vapors. Use with adequate ventilation. Keep container closed. For emergencies select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half face piece or full face pressure demand self-contained breathing apparatus.
Hand protection:	If there is constant skin contact, rubber gloves are recommended.
Eye/Face protection:	Avoid eye contact with vapors, mists, or spray. The following eye protection(s) are recommended: Safety Glasses with side shields.
Skin protection:	Avoid prolonged skin contact. Wear insulated or chemical resistant gloves where skin contact likely.
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands and face before breaks and immediately after handling product.

9 Physical and chemical properties

Physical and chemical properties

Physical Form	Liquid
Color	Light Amber
Odor	Slight oil smell

Boiling Point	361°-369°F (183°-187°C)
Specific Gravity (H ₂ O=1) @ 60°	.80
Vapor Pressure (mm Hg)	UND
Vapor Density	Greater than 1
pH	Not applicable.
Solubility in Water	Insoluble
Coefficient of water/oil distribution	Not determined.
Flash Point	138° 59°C
Pour Point	-63°
Kinematic Viscosity	3.79-2.96cSt @100°F

10 Stability and reactivity

Chemical stability

Stable

Possibility of hazardous reactions

Will not occur.

Conditions to avoid

Hydrolysis producing small amounts of hydrochloric acid possible with gross water contamination. Avoid open flames, welding arcs, or other high temperature sources, which induce thermal decomposition.

Incompatible materials

Strong oxidizers; caustics, chemically active metals such as aluminum, magnesium and sodium.

11 Toxicological information

Toxicological (health) effects

Ingestion:	It is an aspiration hazard. The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.
Skin:	Contact with liquid may cause irritation.
Inhalation:	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Sensitization	Non-hazardous by WHMIS/OSHA criteria
Chronic effects	Non-hazardous by WHMIS/OSHA criteria
Carcinogenicity	Non-hazardous by WHMIS/OSHA criteria
Mutagenicity	Non-hazardous by WHMIS/OSHA criteria
Reproductive effects	Non-hazardous by WHMIS/OSHA criteria
Teratogenicity	Non-hazardous by WHMIS/OSHA criteria
Synergistic Materials	Not Available

12 Ecological information

Toxicity

Ecotoxicity Not available

Aquatic toxicity Not available

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13 Disposal considerations

Disposal methods

Waste Code: Not available

Disposal instructions: Review federal, state/provincial, and local government requirements prior to disposal.

Waste from residues/unused If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Dispose in accordance with federal, state, and local regulations.

14 Transport information

UN Number

UN1950, Aerosols, flammable, 2.1, Limited Quantity**

ICAO/IATA (air): UN1950, Aerosols, flammable, 2.1, Limited Quantity

IMO/IMDG (water): UN1950, Aerosols, 2.1, Limited Quantity

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200 hazardous

Yes

CERCLA (Superfund) reportable quantity

CERCLA 103 Reportable Quantity: Releases of this product in excess of the reportable quantity of 8,330 pounds based on the RQ for n-hexane of 5,000 lbs present at less than 60% must be reported to the National Page 4 of 4 Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Category For Section 311/312: Acute Health, Chronic Health, Fire Hazard, Sudden Release of Pressure
Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status

All of the components of this product are listed on the TSCA inventory.

Canadian Environmental Protection Act

All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification.

Canadian WHMIS Classification

Class B-5 (Flammable Aerosol), Class D-2-B (Eye Irritant, Chronic Health Effects) This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

Hazard categories

Immediate Hazard	Yes
Delayed Hazard	No
Fire Hazard	Yes
Pressure Hazard	Yes
Reactivity Hazard	No

Section 302 extremely hazardous substances

No

Section 311 hazardous chemical

Yes

Clean Air Act (CAA)

Not available

Clean Water Act (CWA)

Not available

WHMIS status

Controlled

WHMIS classification

Class A – Compressed Gas, Class B – Division 1 – Flammable Gas

State regulations**California****Proposition 65**

WARNING: This product can expose you to chemicals including Hexane which is known to the state of California to cause cr reproductive harm in males.

For more information go to www.P65Warnings.ca.gov

Inventory name

Country(s) or region	Inventory
Canada	Domestic Substances List (DSL)
Canada	Non-Domestic Substances List (NDSL)

16 Other information**Other information**

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