

SUPER LUBE SYNTHETIC-BASED LUBRICANT WITH PTFE - (14.5OZ CARTRIDGE)

Product: YC592
Revision Date: 2014/06/18

Section 1: PRODUCT INFORMATION

Chemical family: Mixture.

Product uses: Lubricant.

Product name: Super Lube Synthetic-Based Lubricant with PTFE.

Manufacturer: Henkel Corporation
One Henkel Way
Rocky Hill, CT 06067.

Manufacturer emergency phone number: 703-527-3887.
800-424-9300.

Information phone number: 860-571-5100.

Supplier: Same as manufacturer.

TDG classification: Not regulated.

WHMIS classification:

D2B



DSL status: Appears or exempt from the DSL.

Supplier MSDS date: 2014/06/18.

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
25322-69-4	0.1-1	POLYETHER POLYOL	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
41484-35-9	1-5	ANTIOXIDANT	NOT AVAILABLE	>5000 MG/KG RAT ORAL 6300 MG/KG MOUSE ORAL >3000 MG/KG RABBIT DERMAL	>6300 MG/M3/4H RAT INHALATION
68037-01-4	60-100	HYDROGENATED POLYALPHAOLEFINS	NOT AVAILABLE	NOT AVAILABLE	> 2500 MG/M3/4H RAT INHALATION
68611-44-9	1-5	MODIFIED SILICON DIOXIDE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
8042-47-5	10-30	MINERAL OIL	NOT AVAILABLE	>5000 MG/KG RAT ORAL	NOT AVAILABLE
9002-84-0	1-5	POLYTETRAFLUOROETHYLENE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
9003-27-4	0.1-1	POLYISOBUTYLENE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).

CAS# 68037-01-4: TLV 5 mg/m3 (mist).

CAS# 8042-47-5: TLV 5 mg/m3 (mist).

Section 3: PHYSICAL DATA

Physical state: Semi-solid.

Appearance & odor: Odourless.
Paste

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Not available.

Vapour density (air=1): Not available.

Volatiles (%)

By volume: Not available.

Evaporation rate (butyl acetate = 1): Not available.

Boiling point (°C): Not available.

Freezing point (°C): Not available.

pH: Not available.

Specific gravity @ 20 °C: Not available.

Solubility in water (%): Not available.

Coefficient of water\oil dist.: Not available.

VOC: EPA 24.
66.56%.

Section 4: FIRE & EXPLOSION DATA

Flammability: Not flammable.

Conditions of flammability: At temperatures at or above flash point.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water spray or fog.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature (°C): Not available.

Flash point (°C), method: Tag Closed Cup.
> 93°C (>199.4°F).

Lower flammability limit (% vol): Not available.

Upper flammability limit (% vol): Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Protect against physical damage.

Hazardous combustion products: Oxides of carbon (CO, CO₂).
Irritating organic fragments.

Explosive power: None known.

Section 5: REACTIVITY DATA

Chemical stability: Product is stable.

Conditions of instability: Avoid heat and ignition sources.
Contact with incompatible substances.

Hazardous polymerization: Not available.

Incompatible substances: Acids and bases.
Strong oxidizing agents.
Flammable materials.

Hazardous decomposition products: See hazardous combustion products.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: Vapours may cause irritation.
Contact will cause irritation.

Skin contact: May cause irritation.
May cause drying and cracking.
Solvents may cause defatting and dermatitis.

Inhalation: May cause irritation of the respiratory tract.
May cause headache, dizziness and nausea.
May cause incoordination.

Ingestion: May be harmful if swallowed.
Not a likely route of exposure.

Effects of chronic exposure: May affect the central nervous system.
Pre-existing eye, skin and respiratory disorders may be aggravated.
May affect the cardiovascular system.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

Exposure limit of material: See section 2A.

Sensitization to product: Not available.

Carcinogenic effects: Not available.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type: Impervious gloves.

Respiratory/Type: Wear a NIOSH approved respirator if TLV is exceeded.

Eye/Type: Safety glasses with side-shields.
Or goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.
Wear adequate protective clothes.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Provide ventilation capable of maintaining emissions below the TLV.

Leak/Spill: Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Ventilate. Eliminate all sources of ignition.
Store in closed containers until proper disposal.
Soak up with inert absorbent.

Waste disposal: In accordance with municipal, provincial and federal regulations.

Handling procedures and equipment: Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash thoroughly after handling.
Avoid contact with skin, eyes and clothing.
Do not take internally.
Do not puncture, incinerate, or burn.
Launder contaminated clothing prior to reuse.

Storage requirements: Store in a cool and well ventilated area.
Store away from incompatible materials.
Keep away from heat, sparks, and open flames.
Store below 48.8°C (120°F).

TDG classification: Not regulated.

Special shipping information: See transportation information.

Section 8: FIRST AID MEASURES

Skin contact: Wipe excess from skin.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.

Eye contact: Immediately flush with copious amount of water. Get medical attention.

Inhalation: Remove victim to fresh air.
If breathing is difficult get medical attention.

Ingestion: Do not induce vomiting, seek medical attention.
Never give anything by mouth to an unconscious person.
Keep at rest.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION
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General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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