

(11197)

# Material Safety Data Sheet



Revision Number: 003.4

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Silver Grade Anti-Seize Lubricant  
 Product use: Lubricant  
 Company address:  
 Henkel Canada Corporation  
 2515 Meadowpine Boulevard  
 Mississauga, Ontario L5N 6C3

IDH number: 235009  
 Item number: 76775  
 Region: Canada  
 Contact information:  
 Telephone: 905.814.6511  
 Emergency telephone: 905.814.6511  
 Internet: www.henkelna.com

**APPROVED MATERIAL**

MAY 29 2012

MSDS # 11197

APPROVED BY *Benny RAO*

## 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Physical state: paste  
 Color: silver  
 Odor: Hydrocarbon-like

WHMIS hazard class: D.2.A, D.2.B

**WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.**

Relevant routes of exposure: Skin, Inhalation, Eyes

### Potential Health Effects

**Inhalation:** Moderate respiratory tract irritation.  
**Skin contact:** Moderate skin irritation.  
**Eye contact:** Moderate eye irritation.  
**Ingestion:** Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	10 - 30
Graphite	7782-42-5	10 - 30
Calcium oxide	1305-78-8	10 - 30
Mineral oil light naphthenic hydrotreat. <3% DMSO	64742-53-6	10 - 30
Aluminum not powder, dust or fume	7429-90-5	5 - 10
Distillates (petroleum), straight-run middle	64741-44-2	1 - 5
Quartz (SiO2)	14808-60-7	0.1 - 1

## 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:** If symptoms develop and persist, get medical attention. Wash with soap and water.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion:** Do not induce vomiting. Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

Flash point:	> 93 °C (> 199.4 °F)
Autoignition temperature:	Not determined
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Extinguishing media:	Dry chemical. Carbon dioxide. foam
Special firefighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen.
Sensitivity to Mechanical Impact:	Not available.
Sensitivity to static discharge:	Not available.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Prevent further leakage or spillage if safe to do so.
Clean-up methods:	Store in a partly filled, closed container until disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Remove all sources of ignition.

## 7. HANDLING AND STORAGE

Handling:	Keep away from heat, spark and flame. Avoid skin and eye contact.
Storage:	Keep in a cool, well ventilated area.

For information on product shelf life contact Henkel Canada Customer Service at (905) 814-6511.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m3 TWA mist 10 mg/m3 STEL mist	5 mg/m3 TWA mist 500 ppm (2,000 mg/m3) TWA 5 mg/m3 TWA Mist.	None	None
Graphite	2 mg/m3 TWA Respirable fraction.	5 mg/m3 TWA Respirable fraction. 15 mg/m3 TWA Total dust. 15 MPPCF TWA	None	None
Calcium oxide	2 mg/m3 TWA	5 mg/m3 TWA	None	None
Mineral oil light naphthenic hydrotreat. <3% DMSO	5 mg/m3 TWA Inhalable fraction.	500 ppm (2,000 mg/m3) TWA 5 mg/m3 TWA Mist.	None	None
Aluminum not powder, dust or fume	1 mg/m3 TWA Respirable fraction.	15 mg/m3 TWA (as Al) Total dust. 5 mg/m3 TWA (as Al) Respirable dust.	None	None
Distillates (petroleum), straight-run middle	5 mg/m3 TWA mist 10 mg/m3 STEL mist	5 mg/m3 TWA mist	None	None
Quartz (SiO2)	0.025 mg/m3 TWA Respirable fraction.	2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.3 mg/m3 TWA Total dust.	None	None

**Engineering controls:**

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:**

Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Neoprene or oil resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	paste
<b>Color:</b>	silver
<b>Odor:</b>	Hydrocarbon-like
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not applicable
<b>Vapor pressure:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Melting point/ range:</b>	Not available.
<b>Specific gravity:</b>	1.25
<b>Vapor density:</b>	Not available.
<b>Flash point:</b>	> 93 °C (> 199.4 °F)
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Autoignition temperature:</b>	Not determined
<b>Evaporation rate:</b>	Not available.
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>VOC content:</b>	12.96 %; 162 g/l

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** None reasonably foreseeable.

**Incompatible materials:** Strong oxidizing agents.

**Conditions to avoid:** None known

## 11. TOXICOLOGICAL INFORMATION

**Toxicologically synergistic products:** Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
Distillates (petroleum), hydrotreated heavy naphthenic	Known To Be Human Carcinogen.	Group 1	No	Group A2
Graphite	No	No	No	No
Calcium oxide	No	No	No	No
Mineral oil light naphthenic hydrotreat. <3% DMSO	No	No	No	Group A4
Aluminum not powder, dust or fume	No	No	No	Group A4
Distillates (petroleum), straight-run middle	No	No	No	No
Quartz (SiO <sub>2</sub> )	Known To Be Human Carcinogen.	Group 1	No	Group A2

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Distillates (petroleum), hydrotreated heavy naphthenic	None	Irritant
Graphite	None	Lung
Calcium oxide	None	Irritant, Corrosive, Eyes
Mineral oil light naphthenic hydrotreat. <3% DMSO	None	Irritant
Aluminum not powder, dust or fume	None	Central nervous system, Irritant, Lung
Distillates (petroleum), straight-run middle	None	Irritant
Quartz (SiO <sub>2</sub> )	None	Immune system, Lung, Some evidence of carcinogenicity

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

### 14. TRANSPORT INFORMATION

#### Canada Transportation of Dangerous Goods - Ground

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

#### International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

#### Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

### 15. REGULATORY INFORMATION

#### Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

#### United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

### 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Reviewed MSDS. Reissued with new date.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

Prepared by: C.J. Michaels, Manager, Regulatory Affairs

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