



Material Safety Data Sheet



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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	Silver Grade Anti-Seize Lubricant	Item No.:	76764
Product type:	Lubricant	Region:	United States
Company address:	Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	Contact Information:	Telephone: 860.571.5100 Emergency telephone: 860.571.5100 Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	30-60	5 mg/m ³ TWA (mist) 10mg/m ³ STEL (mist)	5 mg/m ³ TWA (mist)	None
Graphite 7782-42-5	10-30	2 mg/m ³ TWA respirable fraction, all forms except graphite fibers	15 mg/m ³ (total), 5 mg/m ³ (respirable)	None
Calcium oxide 1305-78-8	10-30	2 mg/m ³ TWA	5 mg/m ³ (TWA)	None
Distillates (petroleum), hydrotreated light naphthenic 64742-53-6	10-30	5 mg/m ³ TWA (mist) 10mg/m ³ STEL (mist)	5 mg/m ³ TWA (mist)	None
Aluminum 7429-90-5	5-10	10 mg/m ³ TWA metal dust 5 mg/m ³ TWA as Al	15 mg/m ³ TWA (total), 5 mg/m ³ (respirable)	None
Distillates (petroleum), straight-run middle 64741-44-2	1-5	5 mg/m ³ TWA (mist) 10mg/m ³ STEL (mist)	5 mg/m ³ mist	None
Silica, quartz 14808-60-7	0.1-1	0.05 mg/m ³ TWA respirable fraction	0.1mg/m ³ TWA (respirable)	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Paste	HEALTH: 1
Color: Silver	FLAMMABILITY: 1
Odor: Hydrocarbon-like	PHYSICAL HAZARD: 1
	Personal Protection: See Section 8

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.

Item No.: 76764

Product name: Silver Grade Anti-Seize Lubricant

Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.
Existing conditions aggravated by exposure:	Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	Wash with soap and water. If symptoms persist, obtain medical attention.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Flash point:	>93°C (>200°F)
Autoignition temperature:	Not determined
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	Carbon dioxide (CO ₂). Foam. Dry chemical.
Special fire fighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent further leakage or spillage.
Clean-up methods:	Remove all ignition sources. Soak up with inert absorbent. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Keep away from heat, spark and flame. Avoid contact with skin and eyes.
Storage:	Keep in a cool, well ventilated area.
Incompatible products:	No special restrictions on storage with other products.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
Respiratory protection: Item No. : 76764	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Product name: Silver Grade Anti-Seize Lubricant

Skin protection: Neoprene or oil resistant gloves

Eye/face protection: Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Paste
Color:	Silver
Odor:	Hydrocarbon-like
Vapor pressure:	<5 mmHg @20°C (68° F)
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	1.25
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
VOC content:	12.96%; 162 grams/liter

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None reasonably foreseeable
Incompatibility:	Strong oxidizing agents.
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	No	No	No
Graphite 7782-42-5	No	No	No
Calcium oxide 1305-78-8	No	No	No
Distillates (petroleum), hydrotreated light naphthenic 64742-53-6	No	No	No
Aluminum 7429-90-5	No	No	No
Distillates (petroleum), straight-run middle 64741-44-2	No	No	No
Silica, quartz 14808-60-7	Known Carcinogen	Group 1	Yes

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	Irritant
Graphite 7782-42-5	Lung
Calcium oxide 1305-78-8	Irritant, Eyes, Corrosive
Distillates (petroleum), hydrotreated light naphthenic 64742-53-6	Irritant
Aluminum 7429-90-5	Central nervous system, Irritant, Lung
Distillates (petroleum), straight-run middle 64741-44-2	Irritant
Silica, quartz 14808-60-7	Some evidence of carcinogenicity, Lung, Immune system

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name:	Unrestricted
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA):

Proper shipping name:	Unrestricted
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG):

Proper shipping name:	Unrestricted
Hazard class or division:	None
Identification number:	None
Packing group:	None
Marine pollutant:	None

15. REGULATORY INFORMATION

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.
TSCA 12 (b) Export Notification:	None.
CERCLA/SARA Section 302 EHS:	None.
CERCLA/SARA Section 311/312:	Immediate Health Hazard
CERCLA/SARA 313:	Aluminum (CAS# 7429-90-5) (dust and fumes only).
California Proposition 65:	No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class:	D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New information added in section(s): 2

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