



Revision Number: 002.2

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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>Food Grade Extreme Pressure Grease</b>	<b>IDH number:</b>	209754
<b>Product type:</b>	Lubricant	<b>Item number:</b>	51252
		<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: 860.571.5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	TRANSPORT EMERGENCY Phone: CHEMTREC		
	1-800-424-9300 (toll free) or 1-703-527-3887		
	Internet: www.henkelna.com		

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

<b>Physical state:</b>	Semi-Solid	<b>HEALTH:</b>	1
<b>Color:</b>	white	<b>FLAMMABILITY:</b>	1
<b>Odor:</b>	Mild, Petroleum	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8

**CAUTION: MAY CAUSE EYE IRRITATION.**

**Relevant routes of exposure:** Skin, Eyes

**Potential Health Effects**

**Inhalation:** This product has low volatility and is not expected to cause respiratory tract irritation during normal conditions of use. May cause respiratory tract irritation. Inhalation of high levels of zinc oxide may cause metallic taste, cough, fever, chills, headache, dizziness, tightness of the chest, nausea, and vomiting (metal fume fever).

**Skin contact:** Repeated or prolonged contact can result in drying of skin.

**Eye contact:** Contact with eyes will cause irritation. Severe eye irritation. Blurred vision. Excess tearing. Pain and discomfort. Moderate eye irritation. Redness. Tearing.

**Ingestion:** Not expected under normal conditions of use.

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

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
White mineral oil (petroleum), highly refined	8042-47-5	60 - 100
Zinc oxide	1314-13-2	5 - 10

**4. FIRST AID MEASURES**

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

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

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

**Ingestion:** Do not induce vomiting. Aspiration may cause pulmonary edema and pneumonitis. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash point:** > 176.6 °C (> 349.88 °F) Cleveland open cup

**Autoignition temperature:** Not available

**Flammable/Explosive limits - lower:** Not available

**Flammable/Explosive limits - upper:** Not available

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** None

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Oxides of carbon.

## 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:** No special environmental precautions required.

**Clean-up methods:** Scrape up as much material as possible. Clean residue with soap and water. Dispose of according to Federal, State and local governmental regulations.

## 7. HANDLING AND STORAGE

**Handling:** Keep container closed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Storage:** Keep in a cool, well ventilated area.

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

## 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
White mineral oil (petroleum), highly refined	5 mg/m <sup>3</sup> TWA Inhalable fraction.	5 mg/m <sup>3</sup> TWA mist 5 mg/m <sup>3</sup> TWA Mist.	None	None
Zinc oxide	2 mg/m <sup>3</sup> TWA Respirable fraction. 10 mg/m <sup>3</sup> STEL Respirable fraction.	5 mg/m <sup>3</sup> TWA Fume. 5 mg/m <sup>3</sup> TWA Respirable fraction. 15 mg/m <sup>3</sup> TWA Total dust.	None	None

**Engineering controls:** Ensure adequate ventilation. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

**Eye/face protection:** Safety glasses with side-shields. Goggles.

**Skin protection:** Cover as much of the exposed skin area as possible with appropriate clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Semi-Solid  
**Color:** white  
**Odor:** Mild, Petroleum  
**Odor threshold:** Not available  
**pH:** Not available  
**Vapor pressure:** < 0.5 mm hg (20.0 °C (68°F))  
**Boiling point/range:** Not available  
**Melting point/ range:** Not available  
**Specific gravity:** 0.8900  
**Vapor density:** Not available  
**Flash point:** > 176.6 °C (> 349.88 °F) Cleveland open cup  
**Flammable/Explosive limits - lower:** Not available  
**Flammable/Explosive limits - upper:** Not available  
**Autoignition temperature:** Not available  
**Evaporation rate:** Less than butyl acetate.  
**Solubility in water:** Insoluble  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** Essentially Zero

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions.

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Hydrocarbons.

**Incompatible materials:** Oxidizing agents.

**Conditions to avoid:** None known

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
White mineral oil (petroleum), highly refined	No	No	No
Zinc oxide	No	No	No

Hazardous components	Health Effects/Target Organs
White mineral oil (petroleum), highly refined	Irritant
Zinc oxide	Blood, Gastrointestinal, Immune system, Irritant, Kidney, Metabolic, Nervous System, Pancreas, Respiratory, Skin

## 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.  
**Hazardous waste number:** Not a RCRA hazardous waste.

### 14. TRANSPORT INFORMATION

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

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

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

**Proper shipping name:** Environmentally hazardous substance, liquid, n.o.s. (Zinc oxide)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc oxide)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III  
**Marine pollutant:** Zinc oxide

### 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 above reporting de minimus  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimus  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Zinc oxide (CAS# 1314-13-2).  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:** Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.  
**WHMIS hazard class:** D.2.B

### 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format., This Material Safety Data Sheet contains changes from the previous version in Section(s): 14

**Prepared by:** Lou Fabrizio, Regulatory Affairs Specialist

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