



Revision Date: 06/25/2003

Print date: 06/25/2003

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	ViperLube(TM) Synthetic Lubricant 90W Gear Oil High Performance	<b>Item number:</b>	38350 / IDH No. 542682
<b>Product type:</b>	Lubricant	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact Information:</b>		
Henkel Corporation	Telephone: (860) 571-5100		
1001 Trout Brook Crossing	Emergency telephone: (860) 571-5100		
Rocky Hill, Connecticut 06067	Internet: www.henkelna.com		

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Poly-alpha-olefin	60-100	5mg/m <sup>3</sup> TWA (mist): 10mg/m <sup>3</sup> STEL (mist)	5mg/m <sup>3</sup> TWA (mist):	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical state:** Liquid  
**Color:** Clear  
**Odor:** Mild

#### HMIS:

<b>HEALTH:</b>	1
<b>FLAMMABILITY:</b>	1
<b>PHYSICAL HAZARD:</b>	0
<b>Personal Protection:</b>	See Section 8

**CAUTION:** MAY CAUSE EYE AND SKIN IRRITATION.

**Relevant routes of exposure:** Eye contact, Skin contact, Inhalation, Ingestion

#### Potential Health Effects

<b>Inhalation:</b>	Mist or spray may cause respiratory tract irritation and delayed onset pulmonary edema.
<b>Skin contact:</b>	Prolonged or repeated contact may cause irritation.
<b>Eye contact:</b>	May cause irritation.
<b>Ingestion:</b>	Not expected under normal conditions of use.

**Existing conditions aggravated by exposure:** None known

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Skin contact:</b>	Wash with soap and water. Get medical attention if symptoms develop and persist.
<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Ingestion:</b>	Do not induce vomiting. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 212.7°C (415,°F) ASTM D92
<b>Autoignition temperature:</b>	Not determined
<b>Flammable/Explosive limits-lower %:</b>	Not available
<b>Flammable/Explosive limits-upper %:</b>	Not available
<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Use water spray to keep fire exposed containers cool and disperse vapors.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Ventilate area. Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Soak up with inert absorbent. Keep in suitable and closed containers for disposal. Dispose of in accordance with local and national regulations.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Use only with adequate ventilation. Avoid contact with eyes, skin and clothing.
<b>Storage:</b>	Keep in a cool, well ventilated area. Keep away from heat, sparks and flame. Do not store with strong oxidizing materials.
<b>Incompatible products:</b>	Oxidizing agents.

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

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).
<b>Skin protection:</b>	Chemical resistant, impermeable gloves.
<b>Eye/face protection:</b>	Chemical splash goggles or safety glasses with side shields.

**See Section 2 for exposure limits.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid  
Color: Clear  
Odor: Mild  
Vapor pressure: Not available  
pH: Not applicable  
Boiling point/range: Not available  
Melting point/range: Not available  
Specific gravity: 0.86 at 15.5°C (60°F)  
Vapor density: Heavier than air  
Evaporation rate: Not available  
Solubility in water: Negligible  
Partition coefficient (n-octanol/water): Not available  
VOC content: 28.9%; 33.6 grams/liter

## 10. STABILITY AND REACTIVITY

Stability: Stable.  
Hazardous polymerization: Will not occur.  
Hazardous decomposition products: Oxides of carbon.  
Incompatability: Strong oxidizing agents.  
Conditions to avoid: Heat, flames and sparks.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Poly-alpha-olefin	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Poly-alpha-olefin	No Target Organs

## 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

Item number: 38350 / IDH No. 542682

Product name: ViperLube(TM) Synthetic Lubricant 90W Gear Oil High Performance

Packing group: None

**WaterTransportation (IMO/MDG):**

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: Not available  
CERCLA/SARA Section 311/312: Not available  
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). None.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information**

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Domestic Substances List.  
WHMIS hazard class: Non-controlled

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections:  
Revised to new format.

Prepared by: Regulatory Affairs

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.