

# Quicksilver Silver Anti-Seize Aerosol

## Material Safety Data Sheets

Mercury Marine  
PO Box 1939  
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MSDS No. 187-6097

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	Silver Grade Anti-Seize Lubricant	<b>Product No. :</b>	92-898101390
<b>Product :</b>	Quicksilver	<b>Contact Information:</b>	<b>(920) 929-5000</b>
<b>Product type:</b>	<b>Lubricant</b>	CHEMTREC Emergency: (800) 424-9300	
<b>Region:</b>	United States		

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
n-Heptane 142-82-5	10-30	400 ppm TWA 500 ppm STEL	2000 mg/m <sup>3</sup> TWA 500 ppm TWA	None
Acetone 67-64-1	10-30	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m <sup>3</sup> TWA	None
Petroleum Distillates Proprietary	10-30	5 mg/m <sup>3</sup> TWA (mist) 10mg/m <sup>3</sup> STEL (mist)	5 mg/m <sup>3</sup> TWA (mist)	None
Graphite 7782-42-5	5-10	2 mg/m <sup>3</sup> TWA respirable fraction, all forms except graphite fibers	15 mg/m <sup>3</sup> (total), 5 mg/m <sup>3</sup> (respirable)	None
Butane 106-97-8	5-10	1000 ppm TWA listed under aliphatic hydrocarbon gases alkane C1-C4	800 ppm TWA	None
Propane 74-98-6	5-10	1000 ppm TWA listed under aliphatic hydrocarbon gases alkane C1-C4	1000 ppm TWA 1800 mg/m <sup>3</sup> TWA	None
Calcium oxide 1305-78-8	5-10	2 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> (TWA)	None
Aluminum 7429-90-5	1-5	10 mg/m <sup>3</sup> TWA metal dust 5 mg/m <sup>3</sup> TWA as Al	15 mg/m <sup>3</sup> TWA (total), 5 mg/m <sup>3</sup> ( respirable)	None
Silica, quartz 14808-60-7	0.1-1	0.05 mg/m <sup>3</sup> TWA respirable fraction	0.1mg/m <sup>3</sup> TWA (respirable)	None

### 3. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW

### HMIS:

**Physical state:** Aerosol  
**Color:** Milky Yellow  
**Odor:** Mild petroleum

**HEALTH:** 2  
**FLAMMABILITY:** 4  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See Section 8

**DANGER:** EXTREMELY FLAMMABLE.  
CONTENTS UNDER PRESSURE.  
HARMFUL IF INHALED.  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

### Potential Health Effects

**Inhalation:** May cause irritation to nose and throat. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness. Extreme overexposure may result in unconsciousness and possibly death. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Skin contact:** May cause irritation due to defatting of the skin.

**Eye contact:** Direct spray or vapors will irritate and may harm eyes.

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

**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:** Remove contaminated clothing and shoes. Wash with soap and water. Get medical attention if symptoms occur. Wash clothing before reuse.

**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:** Less than -17.7°C (0°F) (Propellant)  
**Flashback:** This product exhibits flashback when tested for flame extension.  
**Flame Projection:** 48 inches (122 cm)

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** 1.0

**Flammable/Explosive limits-upper %:** 12.8

**Extinguishing media:** Foam. Dry chemical. Carbon dioxide (CO2).

**Special fire fighting procedures:** Water spray may be ineffective. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

**Unusual fire or explosion hazards:** Contents under pressure. Do not store or use near heat, spark, open flame or other sources of ignition. Do not puncture or incinerate pressurized containers. Exposure to temperatures above 49°C (120°F) may cause container to burst.

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

## 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Remove sources of ignition. Ventilate area.

**Clean-up methods:** Soak up with inert absorbent. Store in a closed container until ready for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Keep away from heat, spark and flame. Vapors will accumulate readily and may ignite explosively.

**Storage:** Keep in a cool, well ventilated area. Store away from ignition sources. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst.

**Incompatible products:** None.

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:** If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH for protection against materials in Section 2. Observe OSHA regulations for respiratory use (29 CFR 1910.134).

**Skin protection:** Chemical resistant, impermeable 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:** Aerosol  
**Color:** Milky Yellow  
**Odor:** Mild petroleum  
**Vapor pressure:** Not available  
**pH:** Not applicable  
**Boiling point/range:** Less than -18 to 100°C (0 to 212°F)  
**Melting point/range:** Not available  
**Specific gravity:** 0.77  
**Vapor density:** Heavier than air  
**Evaporation rate:** Faster than ether  
**Solubility in water:** Not determined  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** 42.0%; 323 grams/liter

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous polymerization:** Will not occur.

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

**Incompatibility:** Strong oxidizers.

**Conditions to avoid:** Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F).

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

<b>Hazardous components</b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>
n-Heptane 142-82-5	No	No	No
Acetone 67-64-1	No	No	No
Petroleum Distillates Proprietary	No	No	No
Graphite 7782-42-5	No	No	No
Butane 106-97-8	No	No	No
Propane 74-98-6	No	No	No
Calcium oxide 1305-78-8	No	No	No
Aluminum 7429-90-5	No	No	No
Silica, quartz 14808-60-7	Known Carcinogen	Group 1	Yes

### Literature Referenced Target Organ & Other Health Effects

<b>Hazardous components</b>	<b>Health Effects/Target Organs</b>
n-Heptane 142-82-5	Central nervous system, Irritant
Acetone 67-64-1	Blood, Central nervous system, Irritant, Reproductive
Petroleum Distillates Proprietary	Irritant
Graphite 7782-42-5	Lung
Butane 106-97-8	Cardiac, Central nervous system, Irritant
Propane 74-98-6	Cardiac, Central nervous system, Irritant
Calcium oxide 1305-78-8	Irritant, Eyes, Corrosive
Aluminum 7429-90-5	Central nervous system, Irritant, Lung
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:** Do not incinerate. Depressurize cans. Dispose of in accordance with Federal, State and local regulations.

**EPA hazardous waste number:** Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

## 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None  
**Exceptions:** (Not more than 1 Liter) Consumer Commodity ORM-D  
**Marine pollutant:** None

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

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN1950  
**Packing group:** None  
**Exceptions:** (Not more than 500) ID8000

### Water Transportation (IMO/IMDG):

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN1950  
**Packing group:** None  
**Exceptions:** Limited quantity (Not more than 1 L)  
**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:** Acetone (CAS# 67-64-1).

**CERCLA/SARA Section 302 EHS:** None.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard, Fire  
**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). Aluminum (CAS# 7429-90-5) .

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### 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:** A, B.5, D.2.B

## 16. OTHER INFORMATION

**Company Address: Henkel Corporation: 1001 Trout Brook Crossing, Rocky Hill, Connecticut 06067**  
**Contact Information: Telephone: 860.571.5100, Emergency telephone: 860.571.5100**  
**Item No.: 76759**

This material safety data sheet contains changes from the previous version in sections: 2

**Prepared by:** C.J. Michaels, Senior Product Safety & Regulatory Affairs Specialist

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