1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Diesel Anti-seize
Item number:	51318
Product Type:	Lubricant
Company Address:	Loctite Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut. 06067
Medical Emergency Number:	(860) 571-5100
Fax:	(860) 571-5465

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%	Exposure Limits
Mineral oil	64742-52-5	40-60	TWA: 5 STEL: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA
Calcium stearate	1592-23-0	1-5	TWA: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA respirable TWA: 15 mg/m3 OSHA total
Calcium hydroxide	1305-62-0	10-20	TWA: 5 mg/m3 ACGIH TWA: 5 mg/m3 OSHA respirable TWA: 15 mg/m3 OSHA total
Graphite	7782-42-5	10-20	TWA: 2 mg/m3 ACGIH respirable TWA: 5 mg/m3 OSHA respirable TWA: 15 mg/m3 OSHA total
Silica, quartz	14808-60-7	1-5	TWA: 0.05 mg/m3 ACGIH respirable TWA: 10 mg/m3 OSHA respirable
Copper	7440-50-8	5-10	TWA: 1 mg/m3 ACGIH TWA: 1 mg/m3 OSHA TWA: 0.1 mg/m3 OSHA

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

PHYSICAL STATE:Liquid. COLOR:Copper.

WARNING! CAUSES SEVERE EYE AND SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION

Potential Health Effects

Eye:

Severe eye irritation. Blurred vision. Excess tearing. Pain and discomfort.

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Skin:
Severe skin irritation. Pain and discomfort. Swelling. Redness.

Ingestion:
Not expected to be harmful by ingestion. Ingestion may cause abdominal discomfort, nausea, and diarrhea.

Inhalation:
Moderate respiratory tract irritation. Shortness of breath. Coughing.

Conditions Aggravated by Exposure:
Respiratory disorders. Skin disorders. Eye disorders.
Chronic:
Detailed information provided in section 11.

4. FIRST AID MEASURES

Eye:
Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin:
Immediately flush skin with plenty of water (using soap, if available) for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Ingestion:
Keep individual calm. DO NOT induce vomiting. Get medical attention.
Inhalation:
Remove to fresh air. If symptoms develop and persist, get medical attention.

Note to Physician:
None.

5. FIRE FIGHTING MEASURES

Flash Point:
CLOSED CUP : 400.F (204.C).
Extinguishing Media:
In case of fire, use water spray (fog), foam, dry chemicals, or CO_2.
Flammable Limits:
Not available.
Special Fire Fighting Procedures:
Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Hazardous Combustion Products:
Oxides of carbon. Irritating organic fragments.
Unusual Fire or Explosion Hazards:
None.

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6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak:
Soak up with inert absorbent. Store in closed container until disposal.

7. HANDLING AND STORAGE

Handling:
Avoid contact with eyes. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Wash thoroughly after handling.

Storage:
Keep container tightly closed. Keep in a cool and well-ventilated area.

For information on product shelf life, contact Loctite Customer Service at 1(800)243-4874

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:
Use local exhaust ventilation if the potential for airborne exposure exists.

Eye/Face Protection:
Chemical splash goggles or safety glasses with side shields. Full face shield should be used if the potential exists for splashing or spraying of product.

Skin Protection:
Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

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

See Section 2 COMPOSITION/INFORMATION ON INGREDIENTS for exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Copper.
Material State:	Liquid.
Odor:	Not available.
Boiling point:	550 to 4215.F (288 to 2324.C)
pH:	Not applicable.
Solubility in Water:	Negligible.
Specific gravity:	1.21 to 1.35
VOC:	Not available.
Vapor Pressure:	Not available.

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Vapor density: Not available.
Evaporation Rate: <1 compared to Butyl acetate.

10. STABILITY AND REACTIVITY

Stability:
Stable.
Conditions to Avoid:
None known
Incompatibility:
Oxidizing agents. Strong Lewis acids. Mineral acids. Strong bases. Strong alkalis. Nitrates. Nitrites.
Hazardous Polymerization:
Will not occur. Elevated temperatures.
Hazardous Decomposition Products:
None known

11. TOXICOLOGY INFORMATION

Product Toxicology Data:
Not available.

Ingredient	Carcinogen NTP	IARC	OSHA
Mineral oil	No	No	No
Calcium stearate	No	No	No
Calcium hydroxide	No	No	No
Graphite	No	No	No
Silica, quartz	1	1	+
Copper	No	No	No

Key to abbreviations:
NTP 1 - Known carcinogen. IARC 1 - Carcinogenic to human. OSHA + - Proven.

Ingredient	Health Effects/Target organs
Mineral oil	Irritant.
Calcium stearate	No target organs.
Calcium hydroxide	Irritant. Corrosive.
Graphite	Lung.
Silica, quartz	Lung. Immune system. Some evidence of carcinogenicity.
Copper	Allergen. Blood. Central nervous system. Developmental. Gastrointestinal. Immune system. Irritant. Kidney. Liver. Mutagen. Sensory. Skin.

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12. ECOLOGICAL INFORMATION

Ecological Information:
None known

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:
Dispose according to EPA and local governmental regulations.
EPA Hazardous Waste Number:
Not applicable.

14. TRANSPORTATION INFORMATION

Domestic Transportation (D.O.T. 49 CFR)-GROUND

Shipping Description:
Not regulated
Exceptions:
Not applicable.

International Air Transportation (ICAO/IATA)-
Shipping description:
Not regulated.
Exceptions:
Not applicable.

Marine pollutant:
None known

15. REGULATORY INFORMATION

SARA Title III Section 313 Chemicals:
Copper
SARA Title III Section 311/312:
Immediate health hazard
Toxic Substances Control Act:
All components are listed on or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA Section 12(b) annual:
None.
TSCA Section 12(b) one time:
None.
Canadian Inventory Status:
All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
California Proposition 65:
This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

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16. OTHER INFORMATION

NFPA Code:

Health:	2
Flammability:	1
Reactivity:	0
Special:	Corrosive

HMIS Code:

Health:	2 *
Flammability:	1
Reactivity:	0
Protective Equipment:	See Section 8.

Prepared by: Safety, Health and Regulatory Affairs - North America