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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Extend Rust Treatment	Item No. : 75430
Product type: Loctite SHARED FIELD (US/Canada/EU)	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

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Barium sulfate 7727-43-7	5-10	0.5 mg/m ³ TWA 0.5 mg/m ³ TWA as Ba 10 mg/m ³ TWA	0.5 mg/m ³ TWA 0.5 mg/m ³ TWA as Ba 15 mg/m ³ TWA total dust 5 mg/m ³ TWA respirable fraction	None
Propylene glycol 57-55-6	1-5	None	None	None
2-Butoxyethanol 111-76-2	1-5	20 ppm TWA	240 mg/m ³ TWA 50 ppm TWA (skin)	None
Organic acid 1401-55-4	1-5	None	None	None
Silica, amorphous, fumed, crystalline-free 112945-52-5	1-5	6 mg/m ³ TWA	10 mg/m ³ TWA	3 mg/m ³ TWA respirable dust

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid
Color: Milky
Odor: Mild

HEALTH: 1*
FLAMMABILITY: 1
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

CAUTION: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION

Relevant routes of exposure: Skin, inhalation, eyes

Potential Health Effects

Inhalation:	Mild respiratory tract irritation.
Skin contact:	Irritating to skin.
Eye contact:	Contact with eyes will cause irritation.
Ingestion:	Gastric disturbances. Not expected under normal conditions of use.

Existing conditions aggravated by exposure: Not available

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See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	Immediately flush skin with plenty of water (using soap, if available). If symptoms persist, obtain medical attention.
Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion:	Keep individual calm. Do not induce vomiting. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	Does not flash.
Autoignition temperature:	Not applicable
Flammable/Explosive limits-lower %:	Not applicable
Flammable/Explosive limits-upper %:	Not applicable
Extinguishing media:	The product itself does not burn.
Special fire fighting procedures:	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Do not allow material to contaminate ground water system.
Clean-up methods:	Wipe up with adsorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes. Do not wear contact lenses. Wash thoroughly after handling. Keep out of the reach of children.
Storage:	Keep container closed. Store in original container until ready to use.
Incompatible products:	Not applicable

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Not normally needed.
Respiratory protection:	Not normally required.
Skin protection:	Disposable rubber or plastic gloves.
Eye/face protection:	Chemical splash goggles or safety glasses with side shields.

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See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Milky
Odor:	Mild
Vapor pressure:	24 mmHg at 20 °C (68 °F)
pH:	1.95
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	1.202
Vapor density:	1.2
Evaporation rate:	Not available
Solubility in water:	Completely miscible
Partition coefficient (n-octanol/water):	Not available
VOC content:	110 grams/liter of coating

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None
Incompatibility:	None known.
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Acute LD50 (oral) :Greater than 5000 (rat). (estimated). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Barium sulfate 7727-43-7	No	No	No
Propylene glycol 57-55-6	No	No	No
2-Butoxyethanol 111-76-2	No	No	No
Organic acid 1401-55-4	No	No	No
Silica, amorphous, fumed, crystalline-free 112945-52-5	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Barium sulfate 7727-43-7	Lung
Propylene glycol 57-55-6	Irritant
2-Butoxyethanol 111-76-2	Blood, Central nervous system, Irritant, Kidney, Liver
Organic acid 1401-55-4	Blood, Corrosive, Irritant, Kidney, Liver
Silica, amorphous, fumed, crystalline-free 112945-52-5	Nuisance dust

12. ECOLOGICAL INFORMATION

Ecological information: No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

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: D002: Corrosive.

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: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Not regulated
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: Not available

CERCLA/SARA Section 302 EHS: Not available
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard
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). 2-Butoxyethanol (CAS# 111-76-2).

California Proposition 65: This product contains a chemical known to the State of California to cause cancer. Silica, Quartz (CAS# 14808-60-7) .

Canada Regulatory Information

CEPA DSL/NDSL Status: Please contact Health and Regulatory Affairs for more information.
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.

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