



Revision Number: 007.0

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LOCTITE EXT RUST NEU known as  
 LOC 80Z EXTEND RUST NEUT 6PK  
**Product type:** Rust preventor  
**Restriction of Use:** None identified  
**Company address:**  
 Henkel AG & Co. KGaA  
 Henkelstr. 67  
 Düsseldorf 40589

**IDH number:** 1381192  
**Item number:** 1381192  
**Region:** United States  
**Contact information:**  
 Telephone: +49 (211) 797 0

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**DANGER:** CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

HAZARD CLASS	HAZARD CATEGORY
SKIN CORROSION	1
SERIOUS EYE DAMAGE	1

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:**

Wash affected area thoroughly after handling. Wear protective gloves, clothing, eye and face protection.

**Response:**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse.

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Barium sulfate	7727-43-7	5 - 10
2-Butoxyethanol	111-76-2	1 - 5
Propane-1,2-diol	57-55-6	1 - 5
Organic acid	Proprietary	1 - 5
Silica, amorphous, fumed, crystal-free	112945-52-5	1 - 5

IDH number: 1381192

Product name: LOCTITE EXT RUST NEU known as LOC 80Z EXTEND RUST NEUT 6PK  
 Page 1 of 6

Benzene, 1,1'-oxybis-, tetrapropylene  
derivs., sulfonated, sodium salts

119345-04-9

0.1 - 1

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

**Inhalation:**

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

**Skin contact:**

Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention.

**Eye contact:**

In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

**Ingestion:**

Keep individual calm. Do not induce vomiting. Get medical attention.

**Symptoms:**

See Section 11.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media:**

Will not burn.

**Special firefighting 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

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**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 skin and eye contact. 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.

## 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 Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Barium sulfate	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
2-Butoxyethanol	20 ppm TWA	50 ppm (240 mg/m3) PEL (SKIN)	None	None
Propane-1,2-diol	None	None	10 mg/m3 TWA Aerosol.	None
Organic acid	None	None	None	None
Silica, amorphous, fumed, crystal-free	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 0.8 mg/m3 TWA	None	None
Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts	None	None	None	None

### Engineering controls:

Ensure adequate ventilation, especially in confined areas.

### Respiratory protection:

Not normally required. Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

### Eye/face protection:

Safety goggles or safety glasses with side shields.

### Skin protection:

Disposable rubber or plastic gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical state:

Liquid

### Color:

Milky

### Odor:

Mild

### Odor threshold:

Not available.

### pH:

1.95

### Vapor pressure:

24 mm hg (20 °C (68°F))

### Boiling point/range:

Not available.

### Melting point/ range:

Not available.

### Specific gravity:

1.202

### Vapor density:

1.2

### Flash point:

Does not flash.

### Flammable/Explosive limits - lower:

Not applicable

### Flammable/Explosive limits - upper:

Not applicable

### Autoignition temperature:

Not applicable

### Flammability:

Not applicable

### Evaporation rate:

Not available.

### Solubility in water:

Soluble

### Partition coefficient (n-octanol/water):

Not available.

### VOC content:

110 g/l of coating

### Viscosity:

Not available.

### Decomposition temperature:

Not available.



## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	None
Incompatible materials:	None known
Reactivity:	Not available.
Conditions to avoid:	None known

## 11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

Inhalation:	Mild respiratory tract irritation.
Skin contact:	Causes skin burns.
Eye contact:	Causes serious eye damage.
Ingestion:	Not expected under normal conditions of use. Gastric disturbances.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Barium sulfate	None	Lung
2-Butoxyethanol	Oral LD50 (Rat) = 560 mg/kg Oral LD50 (Mouse) = 1.2 g/kg Oral LD50 (Rabbit) = 0.32 g/kg Oral LD50 (Rat) = 1.48 g/kg Oral LD50 (Mouse) = 1,519 mg/kg Dermal LD50 (Rabbit) = 400 mg/kg Inhalation LC50 (Rat, 4 h) = 486 ppm Inhalation LC50 (Rat, 4 h) = 450 ppm	Blood, Central nervous system, Irritant, Kidney, Liver
Propane-1,2-diol	Oral LD50 (Rabbit) = 18 g/kg Oral LD50 (Mouse) = 23.9 g/kg Oral LD50 (Rat) = 30 g/kg	Irritant
Organic acid	None	Blood, Corrosive, Irritant, Kidney, Liver
Silica, amorphous, fumed, crystal-free	None	Nuisance dust
Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts	None	No Records

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Barium sulfate	No	No	No
2-Butoxyethanol	No	No	No
Propane-1,2-diol	No	No	No
Organic acid	No	No	No
Silica, amorphous, fumed, crystal-free	No	No	No
Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts	No	No	No

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.  
Hazardous waste number: D005. Barium.

### 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

#### 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

### 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 minimis  
CERCLA/SARA Section 302 EHS: None above reporting de minimis.  
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health  
CERCLA/SARA Section 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).  
CERCLA Reportable quantity: Barium sulfate (CAS# 7727-43-7) 1,000 lbs. (454 kg)  
California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

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