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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	LOCTITE® Natural Blue® BIODEGRADABLE CLEANER & DEGREASER	<b>Item No. :</b>	82251 / IDH No. 209804
<b>Product type:</b>	Cleaner	<b>Region:</b>	United States
<b>Company address:</b>	Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067	<b>Contact Information:</b>	Telephone: (860) 571-5100 Emergency telephone: (860) 571-5100 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>
Propylene glycol monomethyl ether 107-98-2	10-30	100 ppm TWA 150 ppm STEL	None	None
MEA Oleate Proprietary	5-10	None	None	None
Tetrasodium ethylenediamine tetraacetate 64-02-8	5-10	None	None	None
C12-15 Ethoxylated alcohols 68131-39-5	5-10	None	None	None

Non hazardous components

Water >

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical state:** Liquid  
**Color:** Blue  
**Odor:** Pine

HMIS:

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

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

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

Potential Health Effects

<b>Inhalation:</b>	Not a relevant route of exposure.
<b>Skin contact:</b>	Irritating to skin.
<b>Eye contact:</b>	Not expected to cause injury. Eye contact may cause mild irritation.
<b>Ingestion:</b>	Ingestion may cause stomach ache and vomiting.

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

See Section 11 for additional toxicological information.

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#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Not hazardous by inhalation
<b>Skin contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse. Get medical attention if symptoms develop and persist.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth. Get medical attention if symptoms develop and persist.
<b>Notes to physician:</b>	None.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Does not ignite.
<b>Autoignition temperature:</b>	Not applicable
<b>Flammable/Explosive limits-lower %:</b>	Not applicable
<b>Flammable/Explosive limits-upper %:</b>	Not applicable
<b>Extinguishing media:</b>	Use media appropriate for surrounding material.
<b>Special fire fighting procedures:</b>	None
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	None known.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Soak up with inert absorbent. Flush with water.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with skin and eyes.
<b>Storage:</b>	No special procedures.
<b>Incompatible products:</b>	None.

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

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
<b>Respiratory protection:</b>	Not applicable
<b>Skin protection:</b>	Chemical resistant, impermeable gloves. Neoprene, Butyl-rubber, or nitrile-rubber 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

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Physical state: Liquid  
 Color: Blue  
 Odor: Pine  
 Vapor pressure: Not available  
 pH: 10.6  
 Boiling point/range: Greater than 100°C (212°F)  
 Melting point/range: Not available  
 Specific gravity: 1.0  
 Vapor density: Not available  
 Evaporation rate: Faster than ether  
 Solubility in water: Soluble.  
 Partition coefficient (n-octanol/water): Not available  
 VOC content: 9.30%; 93 grams/liter

## 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

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Propylene glycol monomethyl ether 107-98-2	No	No	No
MEA Oleate Proprietary	No	No	No
Tetrasodium ethylenediamine tetraacetate 64-02-8	No	No	No
C12-15 Ethoxylated alcohols 68131-39-5	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Propylene glycol monomethyl ether 107-98-2	Central nervous system, Irritant, Developmental
MEA Oleate Proprietary	No Target Organs
Tetrasodium ethylenediamine tetraacetate 64-02-8	Irritant
C12-15 Ethoxylated alcohols 68131-39-5	No Target Organs

## 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.

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### 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:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None  
**Marine pollutant:** 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/MDG):

**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:** None.  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard  
**CERCLA/SARA 313:** None above reporting de minimus.  
**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:** D.2.B

### 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 3

**Prepared by:** Regulatory Affairs

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