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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Natural Blue® Cleaner and Degreaser  
**Product type:** Cleaner  
**Company address:**  
Henkel Loctite Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067  
Telephone: (860) 571-5100  
Emergency telephone: (860) 571-5100

**Item number:** 82251  
**Region:** United States

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Hazardous components</b>	<b>%</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>OTHER</b>
Propylene glycol monomethyl ether 107-98-2	10-30	100 ppm TWA 150 ppm STEL	None	None
MEA oleate 2272-11-9	5-10	None	None	None
Tetrasodium ethylenediamine tetraacetate 64-02-8	5-10	None	None	None

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**HMIS:**

<b>Physical state:</b> Liquid	<b>HEALTH:</b>	1
<b>Color:</b> Blue	<b>FLAMMABILITY:</b>	0
<b>Odor:</b> Pine	<b>PHYSICAL HAZARD:</b>	0
	<b>Personal Protection:</b>	See Section 8

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

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

**Potential Health Effects**

**Inhalation:** Not a relevant route of exposure.  
**Skin contact:** Irritating to skin.  
**Eye contact:** May cause irritation.  
**Ingestion:** Ingestion may cause stomach ache and vomiting.

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

See Section 11 for additional toxicological information.

#### 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. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. 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>	None known
<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 Loctite 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.

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**Eye/face protection:** Chemical splash goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**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:** Not available

## 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	No	No	No
MEA oleate	No	No	No
Tetrasodium ethylenediamine tetraacetate	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Propylene glycol monomethyl ether	Central nervous system, Irritant, Developmental
MEA oleate	No Target Organs
Tetrasodium ethylenediamine tetraacetate	Irritant

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not applicable

### 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 available

### 14. TRANSPORT INFORMATION

**U.S. DOT 49 CFR:**

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None  
**Marine pollutant:** None

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

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG):**

**Proper shipping name:** Unrestricted  
**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.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard  
**CERCLA/SARA 313:** None.

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**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:** 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.

**Prepared by:** Rajal Dhruva, Health and Regulatory Affairs Specialist

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