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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Fragrance-Free Natural Blue® Cleaner & Degreaser
Product type: Cleaner
Company address: Henkel Corporation, 1001 Trout Brook Crossing, Rocky Hill, Connecticut 06067
Item No.: 23811
Region: United States
Contact Information: Telephone: 860.571.5100, Emergency telephone: 860.571.5100, Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 5 columns: Hazardous components, %, ACGIH TLV, OSHA PEL, OTHER. Rows include Propylene glycol monomethyl ether, Tetrasodium ethylenediamine tetraacetate, and MEA oleate.

Non hazardous components
Water > 50%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:
Physical state: Liquid
Color: Blue
Odor: None
HEALTH: 1
FLAMMABILITY: 0
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: Not a relevant route of exposure. This material does not normally present an inhalation hazard, however, in applications where vapors (caused by high temperatures) or mists (caused by mixing) are created, breathing may cause respiratory tract irritation.
Skin contact: May cause skin irritation.
Eye contact: Non-irritating. May cause irritation.
Ingestion: Not expected under normal conditions of use. 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. 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 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.
<b>Eye/face protection:</b>	Chemical splash goggles or safety glasses with side shields.

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See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Blue
<b>Odor:</b>	None
<b>Vapor pressure:</b>	Not available
<b>pH:</b>	10.6
<b>Boiling point/range:</b>	Greater than 100°C (212°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	1.0
<b>Vapor density:</b>	Not available
<b>Evaporation rate:</b>	Faster than ether
<b>Solubility in water:</b>	Soluble.
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	7.2% (estimated)

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	None
<b>Incompatibility:</b>	None known.
<b>Conditions to avoid:</b>	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
Tetrasodium ethylenediamine tetraacetate 64-02-8	No	No	No
MEA oleate 2272-11-9	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
Tetrasodium ethylenediamine tetraacetate 64-02-8	Irritant
MEA oleate 2272-11-9	No Target Organs

## 12. ECOLOGICAL INFORMATION

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**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:** Not a RCRA hazardous waste.

### 14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

**U.S. Department of Transportation Ground (49 CFR):**

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None
<b>Marine pollutant:</b>	None

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

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

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

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None
<b>Marine pollutant:</b>	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/NDSL Status:** All components are listed on or are exempt from listing on the Domestic Substances List.  
**WHMIS hazard class:** D.2.A, D.2.B

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** This material safety data sheet contains changes from the previous version in section(s): 3

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