Material Safety Data Sheet

Henkel Technologies

Revision Date: 08/02/2007 **Issue date:** 08/02/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® NATURAL BLUE® FRAGRANCE FREE BIODEGRADABLE CLEANER & DEGREASER

Item No. : 23811 / IDH No. 230491

Product type: Cleaner

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

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Propylene glycol monomethyl ether 107-98-2	5-10	100 ppm TWA 150 ppm STEL	None	None
Tetrasodium ethylenediamine tetraacetate 64-02-8	5-10	None	None	None
MEA oleate 2272-11-9	1-5	None	None	None

Non hazardous components
Water > 50%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Blue
Odor: None

HMIS:

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.

4. FIRST AID MEASURES

Inhalation: Not hazardous by inhalation

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse. Get medical attention if symptoms develop and persist.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: 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.

Notes to physician: None.

5. FIRE-FIGHTING MEASURES

Flash point: Does not ignite.

Autoignition temperature: Not applicable

Flammable/Explosive limits-lower %: Not applicable

Flammable/Explosive limits-upper %: Not applicable

Extinguishing media: Use media appropriate for surrounding material.

Special fire fighting procedures: None

Unusual fire or explosion hazards: None

Hazardous combustion products: None known.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: None known

Clean-up methods: Soak up with inert absorbent. Flush with water.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes.

Storage: No special procedures.

Incompatible products: None.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Not applicable

Skin protection: Chemical resistant, impermeable gloves.

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:	None
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:	7.2% (estimated)

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: None

Incompatability: 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
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

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):

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

WaterTransportation (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: 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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