

Material Safety Data Sheet

Infosafe No. 2LT0F Issue Date: May 2004
Product Name: **NATURAL BLUE**

ISSUED by HENKAUST

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name

HENKEL AUSTRALIA PTY LTD (ABN 82 001 302 996)

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Other Information

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IDENTIFICATION

Product Name

NATURAL BLUE

Proper Shipping Name

None Allocated

| Other Names | <u>Name</u> | <u>Mancode</u> |
|--------------------|----------------------|-----------------------|
| | Loctite Natural Blue | 82249 |
| | Loctite Natural Blue | 82251 |

Product Name : NATURAL BLUE

UN Number

None Allocated

DG Class

None Allocated

Packing Group

None Allocated

Hazchem Code

None Allocated

Poisons Schedule

Not Scheduled

Product Use

Cleaner.

Physical Data

Appearance

Blue liquid.

Melting Point

Not available

Boiling Point

Not available

Vapour Pressure

Not available

Specific Gravity

1.02 @ 20°C

Flash Point

100°C (Closed Cup)

Flamm. Limit LEL

Not available.

Flamm. Limit UEL

Not available.

Solubility in**Water**

Miscible.

Other Properties

pH Value

10.5 to 10.7

Odour

Pleasant.

Product Name : NATURAL BLUE

Stability

Stable under normal conditions.

Haz.**Polymerization**

Will not occur.

Materials to Avoid

Strong oxidising agents.

Ingredients

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|--------------------|-------------------------------------------|-------------------|--------------------------|
| | 1-methoxy-2-propanol | 107198-2 | 1-10 % |
| | Ethanolamine | 141-43-5 | 0-2 % |
| | Ingredient determined not to be hazardous | Not required | Balance |

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Acute - Eye

May cause eye irritation, tearing, stinging, blurred vision, and redness.

Acute - Skin

Skin contact may cause redness, itchiness and irritation.

Acute - Inhaled

Due to the low volatility of the product there are no hazards associated with inhalation under normal conditions of use. Inhalation of vapours or mists generated at elevated temperatures may irritate the respiratory system.

Hazards**Identification**

Not Classified as hazardous according to the criteria of NOHSC.

Not Classified as a dangerous good according to the ADG Code.

Risk phrases:

Not Applicable

Safety phrases:

Not Applicable

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Chronic

Prolonged or repeated skin contact may cause defatting leading to dermatitis.

First Aid

Swallowed

Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

Eye

If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with soap and running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice.

Inhaled

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Apply artificial respiration if not breathing. Seek medical attention.

First Aid**Facilities**

Eye wash and normal washroom facilities.

Advice to Doctor

Advice to Doctor

Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

| Exposure Limits | Name | mg/m3 (STEL) | ppm (STEL) | mg/m3 (TWA) | ppm (TWA) | TWA Footnote |
|------------------------|----------------------|---------------------|-------------------|--------------------|------------------|---------------------|
| | 1-methoxy-2-propanol | 553 | 150 | 369 | 100 | |
| | Ethanolamine | 15 | 6 | 7.5 | 3 | |

Eng. Controls

Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Personal Protection**Respirator Type
(AS 1716)**

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection

Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances ie. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Glove Type

Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

Clothing

Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

Flammability**Fire Hazards**

Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.

SAFE HANDLING INFORMATION

Storage and Transport**Storage
Precautions**

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Store in a cool, dry, well-ventilated area away from sources of ignition. This product should be stored away from foodstuffs and strong oxidising agents. For information on the design of the storeroom reference should be made to Australian Standard AS1940, The storage and handling of flammable and combustible liquids. Reference should also be made to any relevant Commonwealth, State or Territory regulations.

Transport

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Handling

Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet

Proper Shipping**Name**

None Allocated

Spills and Disposal

Disposal**Considerations**

Dispose of waste according to federal, EPA and state regulations.

Accidental**Release Measures**

Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Fire/Explosion Hazard

Fire/Explos.**Hazard**

Combustible liquid. This product will burn if exposed to fire.

Hazardous**Combustion****Products**

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Hazardous**Decomposition or**

Product Name : NATURAL BLUE

Byproducts

Carbon monoxide, carbon dioxide, fumes, smoke.

Fire Fighting**Precautions**

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

Extinguishing**Media**

Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, chemical powder).

Hazchem Code

None Allocated

OTHER INFORMATION

Toxicology

LD50 (oral, rat) 2,000 mg/kg

LD50 (dermal, rabbit) 2,000 mg/kg

Environ.**Protection**

Prevent this material entering waterways, drains and sewers.

Mobility

Data not available

Persistence /**Degradability**

Readily biodegradable.

Bioaccumulation

Data not available

Ecotoxicity

Data not available.

SDS History

MSDS Creation: May 2004

CONTACT POINT

Contact

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Technical Services Manager

...End Of MSDS...