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## 1. Identification of the substance/mixture and of the company/ undertaking

### 1.1. Product Identifier

**Trade name:** Naga Board Cleaner

**Product Code:** 23954 + 23955

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Product Use:** Whiteboard and glass cleaning, care.

**Uses Advised Against:** This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier.

### 1.3. Details of the Supplier of the safety data sheet

**Company:**

Naga A/S  
Egeskovvej 3A  
DK - 8700 Horsens T: (+45) 7634 7500  
[www.naga.dk](http://www.naga.dk)

**Contact:** [naga@naga.dk](mailto:naga@naga.dk)

### 1.4. Emergency Telephone Number

Use your national or local emergency number.

## 2. Hazards identification

### 2.1. Classification of the substance or mixture.

**Classification according to Directive 67/548/EEC or 1999/45/EC**  
[DPD] This product is not classified as dangerous.

**Classification according to Regulation (EC) No. 1272/2008**  
[CLP] This product is not classified as dangerous.

## 2.2. Label Elements

This product is not classified as dangerous.

## 2.3. Other Hazards

No.

# 3. Composition/information on ingredients

## 3.1. Substance/Mixture

CAS / EC No.	Name	Content %	Classification
1569-01-3 / 216-372-4	2-Propanol, 1-propoxy-	6 %	R10, Xi; R36 Flam. Liq. 3, H226
			Eye Irrit. 2, H319
107-21-1 / 203-473-3	Glycol	2 %	Xn; R22 Acute Tox. 4, H302

## 3.2. Additional Information

See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

# 4. First aid measures

## 4.1. Description of First Aid Measures

<b>General Information:</b>	Not expected to be a health hazard when used under normal conditions.
<b>Inhalation:</b>	Assure fresh air breathing.
<b>Skin Contact:</b>	Product is not irritating to skin. Wash hands after handling.
<b>Eye Contact:</b>	If products gets in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** Rinse mouth, drink 1-2 glasses of water. Obtain medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

See section 11.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to doctor/physician: Treat symptomatically.

## 5. Fire fighting measures

5.1. Extinguishing Media:

Product is not flammable, select extinguishing media according to surroundings.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters:

Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental release measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Refer to section 8 for personal protective equipment. Provide sufficient ventilation.

Evacuate area.

Remove all sources of ignition.

6.2. Environmental Precautions:

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up:

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

6.4. Reference to other sections:

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Material Safety Data Sheet.

## 7. HANDLING AND STORAGE

7.1. Precautions for Safe Handling:

Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Remove contaminated clothing and protective equipment before entering eating areas. Provide appropriate exhaust ventilation. Use in well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities:

Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Store in a dry, cool, and well-ventilated place.

7.3. Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

**Occupational Exposure Limits:**

Name	Exposure Limits	Exposure Limits
Glycol CAS: 107-21-1	STEL: 40 ppm STEL: 104 mg/m <sup>3</sup> - Vapour STEL: 30 mg/m <sup>3</sup> - Particulate	TWA: 20 ppm TWA: 52 mg/m <sup>3</sup> - Vapour TWA: 10 mg/m <sup>3</sup> - Particulate

**DNEL / PNEC**

Data not available.

8.2. Exposure Controls

**General Information:**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

- Appropriate technical measures:** Provide local exhaust ventilation.
- Personal Protective Equipment:** Only CE-marked personal protection equipment should be used.
- Respiratory Protection:** Wear appropriate respiratory if necessary.
- Hand Protection:** Wear appropriate protective gloves if necessary.
- Eye Protection:** Wear appropriate eye/face protection if necessary.
- Body protection:** Suitable protective clothing.
- Environmental exposure controls:** Do not allow into any sewer, on the ground or into any body of water.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Odor	Color	PH	Viscosity
Liquid	Odorless	Colorless	--	--
Flash point	Boiling point	Vapor pressure	Density g/cm <sup>3</sup>	Pour point
--	--	--	--	--
Ignition temperature	Auto-ignition temperature	Explosive limits vol. %	Solubility in winter	Melting/Freezing point
--	Not self-igniting	--	Miscible: Soluble	100°C

### 9.2. Other information

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## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity:

Stable under recommended storage and handling conditions. (Section 7)

## 10.2. Chemical stability:

Stable under normal conditions.

## 10.3. Possibility of Hazardous Reactions:

No hazardous reactions known.

## 10.4. Conditions to Avoid:

Strong heating and other sources of ignition.

## 10.5. Incompatible Materials:

No information available.

## 10.6. Hazardous Decomposition Products:

In case of heating or fire, toxic gases may be released: carbon oxides.

**11.** Toxicological information

## 11.1. Information on Toxicological effects

<b>Acute toxicity:</b>	Glycol: Oral - LD50 - Rat: 4000 mg/kg
<b>Skin corrosion/irritation:</b>	Product is not irritating.
<b>Serious eye damage/irritation:</b>	Product is not irritating.
<b>Respiratory or skin sensitization:</b>	Product is not sensitizing.
<b>Germ cell mutagenicity:</b>	No information available.
<b>Carcinogenicity:</b>	No information available.
<b>Reproductive toxicity:</b>	No information available.
<b>Specific target organ toxicity - single exposure:</b>	No information available.
<b>Specific target organ toxicity - repeated exposure:</b>	No information available.
<b>Aspiration hazard:</b>	No information available.
<b>Additional Information:</b>	-



## **12.** ECOLOGICAL INFORMATION

### 12.1. Toxicity:

Glycol - Algae - EC50: 6500 - 13000 mg/L / 96 H

Glycol - Fish - LC50: 14 - 18 mg/L / 96 h

Glycol - Daphnia - EC50: 46300 mg/L / 48 h

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative Potential

No data available.

### 12.4. 12.4 Mobility in Soil

No data available.

### 12.5. Result of PBT and vPvB assesment

No data available.

### 12.6. 12.6 Other Adverse Effects

No data available.

## **13.** Disposal considerations

### 13.1. Waste Treatment Methods

Avoid release to the environment.

Dispose in a safe manner in accordance with local/national regulations.

### 13.2. Contaminated packing:

Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. Transport information

This product is not classified as dangerous of transport.

	ADR/RID	IMDG/IMO
UN Number	--	--
UN Proper Shipping name	--	--
Transport hazard class (es)	--	--
Packaging group	--	--
Environmental hazards – MP	--	--
Other information's	--	--

### 14.1. Special precautions for user:

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### 14.2. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC

### Other regulatory Information Authorizations and/or restrictions on use

Not known.

15.2. Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16. Other information

### Full text of R/H-phrases as mentioned in section 3:

R10 - Flammable

R22 - Harmful if swallowed

R36 - Irritating to eyes

H302 - Harmful if swallowed

H226 - Flammable liquid and vapor

H319 - causes serious eye irritating

### Additional Information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.

### Validated by:

SRS

[www.msds-eu.com](http://www.msds-eu.com)