

# BRIJ 72

Date: 20/09/04  
Version 3

## SAFETY DATA SHEET

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### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Address/Telephone number** UNIQEMA  
Wilton Centre, Wilton  
Redcar TS10 4RF  
England  
Tel. : +44 (0) 1642 456699  
**Emergency telephone number** 0032 3575 5555  
**Use** Nonionic surfactant

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### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Product description.** Polyethoxylated alcohol  
**INCI Name:** Steareth-2

#### **Hazardous Ingredients**

<b>Chemical name</b>	<b>EINECS Number</b>	<b>%</b>	<b>Symbol</b>	<b>R-Phrases</b>
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Contains no Hazardous Ingredients (2001/58/EC)

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### **3. HAZARDS IDENTIFICATION**

Low toxicity under normal conditions of handling and use.

<b>Eye contact</b>	Unlikely to cause eye irritation in man.
<b>Skin contact</b>	Repeated or prolonged skin contact may result in mild irritation.
<b>Inhalation</b>	Unlikely to be hazardous by inhalation.
<b>Ingestion</b>	Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

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### **4 FIRST AID MEASURES**

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<b>Eye contact</b>	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin with soap and water. If symptoms develop, obtain medical attention.
<b>Inhalation</b>	Remove patient from exposure. Obtain medical attention if ill effects occur.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain medical attention if ill effects occur.
<b>Further Medical Treatment</b>	Symptomatic treatment and supportive therapy as indicated.

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## **5 FIRE-FIGHTING MEASURES**

<b>Extinguishing Media</b>	Water fog, alcohol foam, carbon dioxide, dry chemical.
<b>Unsuitable Extinguishing Media</b>	None known
<b>Special fire-fighting protective equipment</b>	A self contained breathing apparatus and suitable protective clothing must be worn in fire conditions.
<b>Fire and explosion hazards</b>	Combustible.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact:</b>	Not applicable
<b>Sensitivity to static discharge:</b>	Not applicable

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## **6.ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Refer to section 8 for proper personal protective equipment
<b>Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>Methods for cleaning up</b>	Sweep up and shovel into waste drums or plastic bags. Transfer to a container for disposal.
<b>Other information</b>	Wash the spillage area clean with water and detergent. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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## **7. HANDLING AND STORAGE**

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<b>Handling</b>	Normal precautions should be observed as for handling all chemicals Prevent skin contact. Prevent eye contact.
<b>Storage</b>	Store in original containers.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values

Chemical name	Exposure limit values	Notes
No Occupational Exposure Limit Assigned.		

<b>Engineering measures</b>	Provide adequate ventilation.
<b>Eye protection</b>	Safety glasses with side shields.
<b>Skin protection</b>	Good working practice suggests gloves should be worn.
<b>Hand protection</b>	Natural rubber is recommended.
<b>Respiratory protection</b>	Respiratory protection is not required if good ventilation is maintained
<b>Other</b>	Eyewash station in work area.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Values are not product specifications.

<b>Colour</b>	white
<b>Form</b>	waxy solid
<b>Odour</b>	No data.
<b>pH</b>	approx 5 - 8 (10% in 3:1 IPA/water)
<b>Boiling point/boiling range (°C)</b>	No data.
<b>Flash Point (°C)</b>	> 149
<b>Autoignition Temperature (°C)</b>	No data.
<b>Flammable Limits</b>	No data.
<b>Explosive Properties</b>	No data.
<b>Oxidising Properties</b>	No data.
<b>Vapour Density</b>	No data.
<b>Specific Gravity</b>	approx 0.97
<b>Solubility in water</b>	Insoluble
<b>Solubility in other ingredients</b>	soluble in: ethanol, insoluble in: mineral oil, propylene glycol
<b>Partition Coefficient</b>	No data.
<b>Pour Point (°C)</b>	approx 43.3

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	Strong oxidising agents.
<b>Conditions to avoid</b>	None known
<b>Hazardous decomposition products</b>	carbon monoxide, carbon dioxide
<b>Hazardous polymerisation</b>	Will not occur

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### 11. TOXICOLOGICAL INFORMATION

<b>Eye contact</b>	Non-irritant to rabbit eyes.
<b>Skin contact</b>	Slight/mild irritant to rabbit skin. It is not a skin sensitiser.
<b>Ingestion</b>	Low acute toxicity. LD50 rat > 25.1 g/kg
<b>Long Term Exposure</b>	No information available.

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### 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	The substance is essentially insoluble in water.
<b>Persistence and degradability</b>	Chemical Oxygen Demand (COD)2.86 gO2/g Biological Oxygen Demand (BOD 28 DAY/COD)57 % Dissolved Organic Carbon Removal (DOC removal) Modified OECD 301C Test procedure99 %
<b>Ecotoxicity</b>	LC50 (96 hour) (static) rainbow trout < 5.6 mg/l
<b>Effect on Effluent Treatment</b>	The substance is substantially removed in biological treatment processes.

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### 13. DISPOSAL CONSIDERATIONS

<b>Methods of Disposal</b>	Disposal should be in accordance with local, state or national legislation.
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### Contaminated packaging

Empty container retains product residue. Observe all hazard precautions.  
Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product.  
Remove all product residue from container before disposal.

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## **14. TRANSPORT INFORMATION**

Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.

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## **15. REGULATORY INFORMATION**

Not Classified as Dangerous for Supply/Use.

**WGK** 2

### Inventory Status

<b>EU</b>	Compliant.
<b>USA</b>	Compliant.
<b>Canada</b>	Compliant.
<b>Australia</b>	Compliant.
<b>Japan</b>	Compliant.
<b>China</b>	Compliant.
<b>Korea</b>	Compliant.
<b>Philippines</b>	Compliant.
<b>Switzerland</b>	17056/frei

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## **16. OTHER INFORMATION**

This data sheet was prepared in accordance with Directive 2001/58/EC

The following sections contain revisions or new statements:  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 13, 14, 15, 16

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