

SYNPERONIC A3

Date: 17/06/04

Version 6

SAFETY DATA SHEET

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

Address/Telephone number Uniqema
Pool Lane
Bromborough Pool
Wirral
CH62 4UF
United Kingdom
Telephone 44 (0) 151 643 3200
Fax: 44 (0) 151 645 9197

Emergency telephone number 0032 3575 5555

Use Surfactant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product description. Fatty alcohol ethoxylate

Hazardous Ingredients

Chemical name	EINECS Number	%	Symbol R-Phrases
Fatty alcohol ethoxylate	Polymer	100	Xi N R41 R50

3. HAZARDS IDENTIFICATION

This product has been assessed in accordance with the CESIO recommendations for the classification and labelling of surfactants (1999).

Risk of serious damage to eyes
Very toxic to aquatic organisms

Eye contact	Risk of serious damage to eyes May cause permanent damage if eye is not immediately irrigated.
Skin contact	May cause skin irritation.
Inhalation	Inhalation of this material will probably cause irritation to respiratory passages.
Ingestion	May cause irritation of the gastrointestinal tract.

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Ecological

Very toxic to aquatic organisms

4 FIRST AID MEASURES

Eye contact	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention. Continue irrigation until medical attention can be obtained.
Skin contact	Remove contaminated clothing. Wash skin with soap and water. If symptoms develop, obtain medical attention.
Inhalation	Remove patient from exposure. Obtain medical attention if ill effects occur.
Ingestion	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.
Further Medical Treatment	Symptomatic treatment and supportive therapy as indicated.

5 FIRE-FIGHTING MEASURES

Extinguishing Media	Water fog, alcohol foam, carbon dioxide, dry chemical.
Unsuitable Extinguishing Media	None known
Special fire-fighting protective equipment	A self contained breathing apparatus and suitable protective clothing must be worn in fire conditions.
Fire and explosion hazards	Combustible.
Explosion data	
Sensitivity to mechanical impact:	No data.
Sensitivity to static discharge:	No data.

6.ACCIDENTAL RELEASE MEASURES

Personal precautions	Refer to section 8 for proper personal protective equipment
Environmental precautions	Do not allow to enter drains, sewers or watercourses.
Methods for cleaning up	Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area clean with water and detergent.

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Other information

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING AND STORAGE

Handling

Normal precautions should be observed as for handling all chemicals

Prevent skin contact.

Prevent eye contact.

Avoid breathing this material.

Provide adequate ventilation.

Do not swallow.

Storage

Store in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Chemical name

Exposure limit values

Notes

No Occupational Exposure Limit Assigned.

Engineering measures

Provide adequate ventilation.

Eye protection

Wear eye/face protection.

Skin protection

Good working practice suggests gloves should be worn.

Hand protection

Natural rubber is recommended.

Respiratory protection

Respiratory protection is not required if good ventilation is maintained

Other

Eyewash and safety shower easily accessible to the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Values are not product specifications.

Colour

white

Form

liquid

Odour

No data.

pH

No data.

Boiling point/boiling range (°C)

No data.

Flash Point (°C)

> 150 (open cup)

Autoignition Temperature (°C)

No data.

Flammable Limits

No data.

Explosive Properties

No data.

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Oxidising Properties	No data.
Vapour Density	No data.
Solubility in water	Insoluble
Solubility in other ingredients	No data.
Partition Coefficient	No data.
Density (g/ml)	approx 1 @ 50 °C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	Strong oxidising agents.
Conditions to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation	Will not occur

11. TOXICOLOGICAL INFORMATION

This product has been assessed in accordance with the CESIO recommendations for the classification and labelling of surfactants (1999).

12. ECOLOGICAL INFORMATION

This product has been assessed in accordance with the CESIO recommendations for the classification and labelling of surfactants (1999).

This environmental hazard assessment is based on information available on similar products.

Mobility	The substance is essentially insoluble in water.
Persistence and degradability	The product, by analogy, is expected to be substantially biodegradable in water.
Ecotoxicity	LC50 (96 hour) (semi-static) fish 1 - 10 mg/l LC50 (96 hour) (semi-static) brown shrimp 1 - 10 mg/l LC50 (96 hour) (semi-static) plaice < 1 mg/l EC50 (48 hour) Daphnia magna < 1 mg/l EC0 (48 hour) Daphnia magna < 1 mg/l
Effect on Effluent Treatment	No information available.

13. DISPOSAL CONSIDERATIONS

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Methods of Disposal

Disposal should be in accordance with local, state or national legislation.

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.

14. TRANSPORT INFORMATION

UN number

UN3082

UN Packing Group

PG III

UN Hazard Class-Primary

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Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (alcohol C12-C15 poly (1-6) ethoxylate)

Marine Pollutant

Classified as a Marine Pollutant

IMDG Class-Primary

9

IATA Class-Primary

9

ADR/RID Class

9

15. REGULATORY INFORMATION

Indication of Danger

DANGEROUS FOR THE ENVIRONMENT
IRRITANT

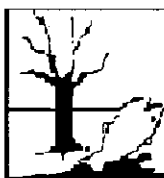
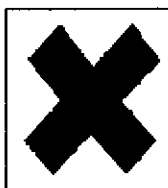
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Hazard Symbol



Risk Phrases

R41: Risk of serious damage to eyes

R50: Very toxic to aquatic organisms

Safety Phrases

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S57: Use appropriate containment to avoid environmental contamination.

S39: Wear eye/face protection.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheet.

Contains

Fatty alcohol ethoxylate

WGK

2

Inventory Status

EU

Compliant.

USA

Compliant.

Canada

Compliant.

Australia

Compliant.

Japan

Compliant.

China

Compliant.

Korea

Compliant.

Philippines

Compliant.

Switzerland

611484/4

16. OTHER INFORMATION

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

R41: Risk of serious damage to eyes

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R50: Very toxic to aquatic organisms

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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