

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

PRODUCT NAME: SYNPERONIC 13/5

Address/Phone No.: UNIQEMA
Everslaan 45
3078 Everberg
Belgium
Telephone (0207) 7440301 / 0032 2 758 9897
Fax (0207) 744 0305 / 00 32 2 758 9043

Emergency Phone No.: (01642) 452461

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION

Fatty alcohol ethoxylate

HAZARDOUS INGREDIENT(S)	CAS No.	% (w/w)	Symbol	R Phrases
Fatty alcohol ethoxylate	-	100	Xi	R41

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.

4. FIRST-AID MEASURES

- Inhalation: Remove patient from exposure, keep warm and at rest.
Obtain medical attention if ill effects occur.
- Skin Contact: Remove contaminated clothing.
Wash skin with water.
If symptoms develop, obtain medical attention.
- 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.
- 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.
-

PRODUCT NAME: SYNPERONIC 13/5

Further Medical Treatment

Symptomatic treatment and supportive therapy as indicated.

5. FIRE-FIGHTING MEASURES

Combustible but not readily ignited.

Combustion products: carbon monoxide, carbon dioxide

Extinguishing Media: carbon dioxide or dry powder
Use water fog to cool below flash point.

Fire Fighting Protective Equipment: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses.

Adsorb spillages onto sand, earth or any suitable adsorbent material.

Transfer to a container for disposal.

Wash the spillage area with water.

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

7. HANDLING AND STORAGE

7.1 HANDLING

Avoid contact with eyes.

7.2 STORAGE

Suitable containers: mild steel, stainless steel

Storage Temperature: ambient temperatures

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Wear eye/face protection.

Occupational Exposure Limits

HAZARDOUS INGREDIENT(S)	LTEL 8hr ppm	TWA mg/m³	STEL ppm	STEL mg/m³	Notes
No Occupational Exposure Limit Assigned					

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid
Colour: hazy
Odour: mild
pH (Value): No data.
Boiling Point (Deg C): No data.
Melting Point (Deg C): No data.
Flash Point (Deg C): 154
Flammable Limits: No data.

PRODUCT NAME: SYNPERONIC 13/5

Auto Ignition Temperature (Deg C):	No data.
Explosive Properties:	No data.
Oxidising Properties:	No data.
Vapour Pressure (mm Hg):	No data.
Density (g/ml):	0.968 at 20 Deg C
Solubility (Water):	soluble
Solubility (Other):	No data.
Partition Coefficient:	No data.
Pour Point (Deg C):	-3
Viscosity (mPa.s):	65 at 20 Deg C

10. STABILITY AND REACTIVITY

Hazardous Reactions:	Incompatible materials: strong oxidising agents
Hazardous Decomposition Product(s):	carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

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

Inhalation

High concentrations of mist may be irritant to the upper respiratory tract.

Skin Contact

May cause skin irritation.

Eye Contact

Risk of serious damage to eyes.
May cause permanent damage if eye is not immediately irrigated.

Ingestion

Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

Long Term Exposure

No information available.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

The product is soluble in water.

Persistence and Degradation

Dissolved Organic Carbon Removal (DOC removal) 75% (Modified OECD Guideline 301E)
The product is substantially biodegradable in water.
This surfactant complies with the minimum 80% biodegradability requirement of the EEC non-ionics directive 82/242.

Toxicity

LC50 (L Idus) 4.6 mg/l
EC50 (Daphnia magna) (48 hour) 2.4 mg/l
EC50 (algae) (48 hours) 2.9 mg/l

PRODUCT NAME: SYNPERONIC 13/5

WGK number
WGK 2

Effect on Effluent Treatment

The product is anticipated to be substantially removed in biological treatment processes.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not Classified as Hazardous for Transport.

15. REGULATORY INFORMATION

EC Classification: IRRITANT
Hazard Symbol: Xi
Risk Phrases: R41: Risk of serious damage to eyes.
Safety Phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39: Wear eye/face protection.

16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 93/112/EC.

The following sections contain revisions or new statements: 2,3,4,7,8,9,11,12,14,15.

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication. Nothing herein is to be construed as a representation or a warranty, express or implied, as to any specific property, quality, use or condition of the Product. In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations, and the suitability of any products for their own particular purpose. All sales of these products shall be subject to ICI's standard Conditions of Sale.

SYNPERONIC is a trade mark of the ICI Group of Companies.

UNIQEMA is part of ICI Industrial Specialties, a business of ICI Chemicals & Polymers Ltd which is registered in England No 358535. Registered Office, The Heath, Runcorn, Cheshire WA7 4QF. A subsidiary of ICI.

See also www.uniqema.com