

# SYNPERONIC PE/F68

Date: 22/12/03  
Version 3

## SAFETY DATA SHEET

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### 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** sales product

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Product description.** Block copolymer of ethylene oxide and propylene oxide

#### **Hazardous Ingredients**

<b>Chemical name</b>	<b>EINECS Number</b>	<b>%</b>	<b>Symbol 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>	May cause eye irritation in man.
<b>Skin contact</b>	Unlikely to cause skin irritation in man.
<b>Inhalation</b>	This material may cause irritation following inhalation.
<b>Ingestion</b>	Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

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### 4 FIRST AID MEASURES

# SYNPERONIC PE/F68

Date: 22/12/03  
Version 3

## SAFETY DATA SHEET

<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 but not readily ignited.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact:</b>	No data.
<b>Sensitivity to static discharge:</b>	No data.

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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. Wash the spillage area clean with water and detergent.
<b>Other information</b>	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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## **7. HANDLING AND STORAGE**

# SYNPERONIC PE/F68

Date: 22/12/03

Version 3

## SAFETY DATA SHEET

<b>Handling</b>	Prevent eye contact. Avoid breathing this material.
<b>Storage</b>	Provide adequate ventilation. Store in original containers.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure limit values

Chemical name	Exposure limit values	Notes
Dust (Total Inhalable Dust)	10 mg/m <sup>3</sup>	
Dust (Respirable Dust)	4 mg/m <sup>3</sup>	

#### Engineering measures

##### Eye protection

##### Skin protection

##### Hand protection

##### Respiratory protection

##### Other

Provide adequate ventilation.  
Safety glasses with side shields.  
Good working practice suggests gloves should be worn.  
Natural rubber is recommended.  
Respiratory protection is not required if good ventilation is maintained  
Eyewash and safety shower easily accessible to the work area.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Values are not product specifications.

Colour	white
Form	solid
Odour	mild
pH	5 - 7.5 (2.5% In water)
Boiling point/boiling range (°C)	No data.
Flash Point (°C)	261 (open cup)
Autoignition Temperature (°C)	385
Flammable Limits	No data.
Explosive Properties	No data.
Oxidising Properties	No data.
Vapour Density	No data.
Solubility in water	soluble
Solubility in other ingredients	No data.
Partition Coefficient	No data.
Dynamic viscosity (mPa.s)	1325 @ 77°C
Density (g/ml)	1.06 @ 77 °C
Melting point/melting range (°C)	50
Cloud Point (°C)	>100 10% in water

# SYNPERONIC PE/F68

Date: 22/12/03  
Version 3

## SAFETY DATA SHEET

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### 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

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### 11. TOXICOLOGICAL INFORMATION

Eye contact	Slight/mild irritant to rabbit eyes.
Skin contact	Non-irritant to rabbit skin.
Ingestion	Extremely low oral toxicity. LD50 rat > 15 g/kg

Long Term Exposure	A chronic ingestion study in animals has shown that repeated doses produce no significant effects
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### 12. ECOLOGICAL INFORMATION

Mobility	The product is soluble in water.
Persistence and degradability	This surfactant does not comply with the minimum 80% biodegradability requirements of the EEC non-ionics directive 82/242.
Ecotoxicity	LC50 (96 hour) (static) > 1000 mg/l Low toxicity to fish.
Effect on Effluent Treatment	No information available.

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### 13. DISPOSAL CONSIDERATIONS

Methods of Disposal	Disposal should be in accordance with local, state or national legislation.
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Date: 22/12/03

Version 3

## SAFETY DATA SHEET

### Contaminated packaging

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.

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### Inventory Status

EU	Compliant.
USA	Compliant.
Canada	Compliant.
Australia	Compliant.
Japan	Compliant.
China	Compliant.
Korea	Compliant.
Philippines	Compliant.

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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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# SYNPERONIC PE/F68

Date: 22/12/03

Version 3

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