



SAFETY DATA SHEET

Date of issue: 14/04/05

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No: 56046

ID No.: 5604600

Product name: **Synperonic N**

Use of the substance/preparation: Chemical reagent

Manufacturer/supplier identification

Company: VWR International Ltd
Hunter Boulevard, Magna Park, Lutterworth, Leicestershire, England, LE17 4XN
Telephone : + 44 (0) 1455 558600 Telefax : + 44 (0) 1455 558586

Emergency telephone No.: + 44 (0) 1202 669700

2. Composition/information on ingredients

Chemical characterization

Organic liquid

Product name: Synperonic N

CAS number: 9016-45-9
water)

EC-No.: Not applicable (Solution in

Hazardous ingredients:

Nonylphenol ethoxylate	25-40%	
CAS number:	127087-87-0	EC-No.: Not applicable
Symbol(s):	Xn	
R-phrases:	R22-41-53	
S-phrases:	S26-39-61	

3. Hazards identification

Harmful if swallowed. Risk of serious damage to eyes. May cause long-term adverse effects in the aquatic environment.

4. First aid measures

- Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists, obtain medical attention.
- Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
- Skin contact: Wash off thoroughly with soap and water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.
- Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Special risks:

Not readily combustible.

Suitable extinguishing media:

Water spray, foam, dry powder or carbon dioxide

6. Accidental release measures

Wear appropriate protective clothing. Do not allow to enter sewerage system.

Mix solids with wet sand and absorb liquids on an inert absorbent, and transfer carefully to sealed container. Arrange for removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Handling:

Change contaminated clothing. Application of skin- protective barrier cream recommended. Wash hands after working with substance.

Use appropriate containment to avoid environmental contamination.

Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. Exposure controls/personal protection

UK Exposure Limits:

None assigned

Personal protective equipment:

As appropriate to the situation and the quantity handled.

- Respirator: Self-contained breathing apparatus when vapours/aerosols are generated.
- Ventilation: No special precautions necessary.
- Gloves: Rubber or plastic
- Eye Protection: Goggles or face-shield
- Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

Environmental exposure controls:

Use appropriate containment to avoid environmental contamination.

9. Physical and chemical properties

General information:

Form:	liquid
Colour:	colourless to yellowish
Odour:	mild

Health, safety and environmental information:

Melting temperature	<0°C
Boiling temperature	~100°C (water)
Density(g/ml)	1.02
Solubility in water	Miscible in all proportions
pH value	6
Flash point	>150°C
Explosion limits: lower:	No data
Auto-ignition temperature	No data
Viscosity:	900cps

10. Stability and reactivity

Stable.

Substances to be avoided: strong oxidizing agents.
The possibility of reaction with other substances cannot be excluded.

11. Toxicological information

- After inhalation: May be harmful.
 - After eye contact: severe irritant effect
 - After skin contact: local irritation symptoms
 - After ingestion: nausea, diarrhoea.
 - After long-term exposure to the chemical: Possible risk of impaired fertility. Possible risk of harm to the unborn child.
- Further hazardous properties cannot be excluded.

Further data

LD50 4000 mg/kg oral, rat.
Skin irritation test (rabbit): moderate irritant effect
Eye irritation test (rabbit): severe irritant effect

12. Ecological information

May cause long term adverse effects in the aquatic environment.

Toxic effect on fish.

Biological degradability: poor.
May be an endocrine active substance.

Further ecological data:

LC50 (96hr) (Salmo trutta): 1.3mg/l (data for major component)

Remarks:

Do not allow to enter drinking water supplies, waste water, or soil!

13. Disposal considerations

Chemical residues are generally classified as hazardous or special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse

