

SAFETY DATA SHEET



Product Name: **CONCENTRATED CLARIFIER**

SDS Reference 044

Version No. 1

Revision date

Authorisation date September 23rd, 2000

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name CONCENTRATED CLARIFIER
Synonym (s)
Use(s) Clarification of swimming pool water
Company Identification PLASTICA LTD
Perimeter House,
Napier Road, Telephone +44 (0) 1424 857857
St Leonards-on-Sea, East Sussex, TN38 9NY
Emergency Telephone 09062 655005 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation A POOL WATER CLARIFIER CONTAINING A QUATERNARY AMMONIUM POLYMER
CAS number Not assigned
EINECS number
EC Index number

3. HAZARDS IDENTIFICATION

Physical & Chemical:

Health:

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER.

Environmental:

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT

4. FIRST AID MEASURES

General information

Inhalation Remove casualty to fresh air and provide warmth and rest. If necessary, seek medical advice.
Skin contact No special first aid measures necessary.
Eye contact Wash out eye thoroughly with plenty of water until irritation subsides. If irritation persists, seek medical advice.
Ingestion No special first aid measures necessary.
Further information

5. FIRE FIGHTING MEASURES

General hazard	THE PRODUCT WILL BURN IN A FIRE
Extinguishing media	To suit local surroundings (e.g. water spray, foam, carbon dioxide, dry chemical powder)
Extinguishing media not to be used	
Special exposure hazards	The thermal decomposition products released should be considered toxic if inhaled. .
Protective equipment	Wear self-contained breathing apparatus.
Further information	Cool endangered containers with water (to prevent container explosion).

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust into a suitable container; dispose of as prescribed. Very small spillages may be washed to drains with plenty of water.
Environmental considerations	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
Further information	

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice.
Storage conditions	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry. Keep away from foodstuffs.
Further information	Stability: shelf life is one year.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	There are no occupational exposure limit values available.
	LTEL (8 hour TWA): ppm mg/m ³
	STEL (15 min.): ppm mg/m ³
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Avoid eye and skin contact. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles
Skin protection	Gloves (not PVC) (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Other protection Protective overall

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Pale blue
Odour	Weak
pH	Not determined.
Boiling pt / range	> 100 °C
Solidifying point	°C
Flash point	Not applicable. °C
Auto flammability	°C
Density	1.00 – 1.02 g/cm ³
Explosive limits	Lower: % (v/v) Higher: % (v/v)
Viscosity	
Water solubility	Miscible

10. STABILITY & REACTIVITY

Stability Stable under normal conditions of handling.

Thermal decomposition

Conditions to avoid

Material to avoid None known.

Hazardous reactions None known.

Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD₅₀ rat (oral) mg/kg No data available.

Dermal compatibility No data available.

Mucous membrane compatibility No data available.

Further information

12. ECOLOGICAL INFORMATION

Acute toxicity LC₅₀ mg/l No data available.

Degradability No data are available

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12. ECOLOGICAL INFORMATION

Further information Do not allow to get into wastewater or waterways; if this occurs, inform the relevant water authority at once.

13. DISPOSAL CONSIDERATIONS

Advice on disposal In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

United Nations number Not classified for transport.

Packaging group

Marine pollutant The product should not be marked as a marine pollutant

15. REGULATORY INFORMATION

Classification & labelling In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations, [CHIP 3.1], the product is not classified.

Risk phrases

Safety phrases

16. OTHER INFORMATION

Further information

Sources of data Other suppliers' safety data sheets

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

Data sheet prepared by Rising HS&E Services.