

# SAFETY DATA SHEET



**Product Name:** **STABILISER/CONDITIONER**

**SDS Reference** 054

**Version No.** 2

**Revision Date** 9/2/2006

**Authorisation date** November 27<sup>th</sup>, 2003

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name** STABILISER/CONDITIONER  
**Synonym (s)** CYANURIC ACID  
**Use** Stabilisation of chlorine in 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 Name** CYANURIC ACID  
**CAS number** 108-80-5  
**EINECS number** 203-618-0  
**EC Index number**

## 3. HAZARDS IDENTIFICATION

### Physical & Chemical:

### Health:

### Environmental:

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

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

## 4. FIRST AID MEASURES

### General information

**Inhalation** Not normally a route of exposure.  
**Skin contact** Wash with water.  
**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.

**5. FIRE FIGHTING MEASURES**

<b>General hazard</b>	THE PRODUCT IS NOT FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, dry chemical powder, foam, CO <sub>2</sub> )
<b>Extinguishing media not to be used</b>	None known
<b>Special exposure hazards</b>	
<b>Protective equipment</b>	Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up</b>	Adhere to personal protective measures. Sweep up and place in suitable labelled containers. Hold for waste disposal.
<b>Environmental considerations</b>	Do not allow to get into drains or water courses; if this occurs, inform the relevant water authority at once.

**7. HANDLING & STORAGE**

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice. Avoid contact with skin eyes and clothing.
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Store in a dry place not above 60°C (140°F). Keep containers tightly closed and away from acids and foodstuffs.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure controls**

LTEL (8 hour TWA):                      ppm                      mg/m<sup>3</sup>

LTEL (8 hour TWA):                      ppm                      mg/m<sup>3</sup>

**Engineering controls**                      Ensure adequate ventilation of working area

**Personal protection**                      Observe normal standards for handling chemicals.  
Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and after work.  
Wear personal protective equipment appropriate to the task (see below)

**Eye protection**                      Safety goggles (i.e. EN 166 approved) if splashing likely.

**Skin protection**                      Neoprene gloves. (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)

**Respiratory protection**                      Dust mask approved RPE for dusts if ventilation is insufficient.

**Other protection**

**9. PHYSICAL & CHEMICAL PROPERTIES**

Physical form	Granules or powder		
Colour	White		
Odour			
pH	3.8 – 4		
Boiling pt / range		°C	
Melting pt / range	320 – 330	°C	Sublimes
Flash point	Not applicable	°C	
Density	2.5, Bulk 0.79 – 0.85 g/ml		
Explosive limits	Lower:	% (v/v)	Higher: % (v/v)
Vapour pressure			
Water solubility	0.27% @ 25°C		

**10. STABILITY & REACTIVITY**

Stability	Stable under normal conditions
Thermal decomposition	
Conditions to avoid	High temperatures
Material to avoid	Strong oxidisers
Hazardous reactions	None known
Hazardous decomposition products	Oxides of carbon, oxides of nitrogen

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity	LD <sub>50</sub> rat (oral)	5	g/kg
	LD <sub>50</sub> rabbit (skin)	2	g/kg
Dermal compatibility	No data available.		
Mucous membrane compatibility	No data available		
Further information	This product may cause transient irritation of skin and eyes. No significant health effects are expected by inhalation or ingestion. Under normal conditions of handling and use, this product is not expected to pose any health hazards.		

**12. ECOLOGICAL INFORMATION**

Acute toxicity	LC <sub>50</sub>	96h, Rainbow Trout	1080	ppm
	LC <sub>50</sub>	96h, Bluegill Sunfish	1400	ppm
	EC <sub>50</sub>	48h Daphnia Magna	> 1000	mg/l
Degradability	No data available			

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## 12. ECOLOGICAL INFORMATION

**Further information** Sparingly soluble in water

## 13. DISPOSAL CONSIDERATIONS

**Advice on disposal** In accordance with national and local authority regulations, e.g. controlled waste

**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** The product is not classified for transport.

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

**Proper shipping name**

## 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

**Date of issue** 05-05-2006

**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.