

Chlorine Stabiliser / Conditioner

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

- 1.1 Product Identifier** Chlorine Stabiliser / Conditioner
- 1.2 Relevant Identified uses of the substance or mixture and uses advised against**
Uses: To prevent chlorine loss to the sun.
- 1.3 Details of the supplier of the safety data sheet**
Company: Deep Blue Pool Supplies
Box 8899 Hermitage,
Corsham,
SN13 8DT
- Telephone: +44 (0) 3330 907094
E-mail: help@deepbluepoolsupplies.co.uk
- Emergency Telephone**
- 1.4 Tel:** Tel: +44 (0) 3330 907094 (office hours) Tel: 111 (Out of hours)

2. Hazard Identification

- 2.1 Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008
Not classified as hazardous for supply
- Most important adverse effects**
Human Health: See section 11 for toxicological information
Physical & Chemical Hazards: See section 9 for physicochemical information
Potential environmental effects: See section 12 for environmental information
- 2.2 Label elements**
Labelling according to Regulation (EC) No 1272/2008
This product does not need to be labelled in accordance with EC Regulations and Directives
- Precautionary statements: P260: Do not breathe dust/fume/gas/mist/vapours/spray
P262: Do not get in eyes, on skin, or on clothing
P280: Wear protective gloves/protective clothing/eye protection/face protection
P302+313 IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337+P313 If eye irritation persists: Get medical advice / attention
- 2.3 Other Hazards** No other information is available

3. Composition/information on ingredients

- 3.1 Substance**
- | Chemical Name | CAS No: | EC No: | % |
|---------------|----------|-----------|------|
| Cyanuric Acid | 108-80-5 | 203-618-0 | <99% |

4. First Aid measures

4.1 Description of first aid measures

General Advice:	Take off all contaminated clothing immediately
If inhaled:	Remove to fresh air
In case of skin contact:	Wash off immediately with soap and plenty of water. If irritation persists call a doctor.
In case of eye contact:	Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Consult an eye specialist immediately. Go to a ophthalmic hospital if possible.
If swallowed:	Rinse mouth with water and then drink plenty of water. If symptoms persist call a doctor

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No Information available
Effects:	No Information available

4.3 Indication of immediate medical attention and special treatment needed

Treatment	Treat symptomatically
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5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire fighting:	Burning produces irritant fumes
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5.3 Advice for fire-fighters

Special protective equipment:	In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.
Further Information:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions:	Wear personal protective equipment. Avoid contact with skin and eyes
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6.2 Environmental precautions

Environmental precautions:	Do not flush into surface water or sanitary sewer system
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6.3 Methods and materials for containment and cleaning up

Clean-up procedures:	Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Absorb with liquid binding material as described in the section 'Disposal considerations'
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6.4 Reference to other sections

Reference to other sections	For personal protection see section 8
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7. Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling: Keep container tightly closed. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Emergency eye wash stations and emergency showers should be available in the immediate vicinity.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Storage requirements: Keep only in the original container
 Advice against Fire: Normal measures for preventative fire protection
 Advice on common storage: Keep away from food, drink and animal feeding stuffs.
 Storage Temperature: No information available

7.3 Specific end uses No information available**8. Exposure control/personal protection**

8.1 Control parameters Contains no substances with occupational exposure limit values

Exposure controls

Engineering measures Use in a well ventilated area

Personal protective equipment

Respiratory protection In case of inadequate ventilation wear respiratory protection

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Wear safety glasses approved to standard EN 166.

Skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact

Environmental exposure controls Do not flush into surface water or sanitary sewer system.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form: Solid
 Colour: Yellowish
 Odour: Odourless

pH @ 20°C: 3.8 - 4.0 (as aqueous solution)
 Melting point: 320 - 330°C
 Boiling point: No data available
 Vapour pressure: <0.000001hPa
 Density @ 20°C: ca. 0.90 g/cm³
 Water solubility: 26g/l @ 90°C
 Partition coefficient:n-octanol/water: -0.948
 Thermal decomposition: >360°C

9.2 Other Information No further information available

10. Stability and reactivity**10.1 Reactivity**

Reactivity No information available

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed

10.3 Possibility of hazardous reactions

Hazardous reactions: None reasonably foreseeable

10.4 Conditions to avoidConditions to avoid Heat
Thermal decomposition: >360°C**10.5 Incompatible materials**

Materials to avoid Chlorine

10.6 Hazardous decomposition products

Haz. decomp. products: nitrogen oxides (Nox) Hydrogen cyanide (hydrocyanic acid)

11. Toxicological Information**11.1 Information on toxicological effects**

Toxicity Values Cyanuric Acid

Route	Species	Test	Value	Units
Oral	Rat	LD50	7,200	mg/kg
Dermal	Rabbit	LD50	5,000	mg/kg

Primary Irritant effectOn the skin: Powder may irritate skin
On the eye: Irritant**Carcinogenic** There is no evidence that this substance has any carcinogenic properties.**Mutagenic** There is no evidence that this substance is mutagenic**Sensitization:** No sensitizing effects known**12. Ecological Information****12.1 Etoxicity (in water)**

Acute Toxicity Cyanuric Acid

Species	Time	Test	Value	Units
Brachydnio rerio	24 hr	LC50	2,000	mg / l
Cyprinus carpio (Carp)	24 hr	LC50	2,000	mg / l

12.2 Persistence and degradability

Persistence and degradability: Readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential: No data available

12.4 Mobility in soil

Mobility: No data available

12.5 Results of PBT and PvB assessment**PBT identification:** No data available**12.6 Other adverse effects**

Other adverse effects No data available

Additional ecological informationDo not flush into surface water or sanitary sewer system.
Avoid subsoil penetration

13. Disposal Considerations**13.1 Waste treatment methods**

Disposal should be in accordance with local, state or national legislation
 Do not reuse empty containers without commercial cleaning or reconditioning
 Do not discharge into drains or the environment, dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

14. Transport Information

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packaging Group	Not applicable
14.5 Environmental hazards	Clean up even minor leaks or spills if possible without unnecessary risk
14.6 Special precautions for user	See Section 7
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.****Guidance Notes**

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical Safety Assessment No information available

16. Other information

Full text of H-statements referred to under sections 2 and 3

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

█ Indicates updated section.