

# SAFETY DATA SHEET

Rev 4

## Heavy Duty Clarifier

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

#### 1.1 Product Identifier

Trade Name: Heavy Duty Clarifier

#### 1.2 Relevant Identified uses of the substance or mixture and uses advised against

Uses: Clarification of swimming Pool Water

#### 1.3 Details of the supplier of the safety data sheet

Company: Complete Pool Controls Ltd  
Unit 2, The Park  
Stoke Orchard  
Bishops Cleeve  
Gloucestershire  
GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: [sales@cpc-chemicals.co.uk](mailto:sales@cpc-chemicals.co.uk)

#### 1.4 Emergency Telephone

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084

### 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulations

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008**

The product does not have to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version

#### 2.3 Other Hazards

### 3. Composition/information on ingredients

#### 3.2 Mixture

Chemical nature: Liquid Mixture of substances listed below with nonhazardous additions

**dialuminium chloride pentahydroxide**

CAS No: EC No: CLP Classification

12042-91-0 234-933-1 Eye Irrit. 2 H319; Skin Irrit. 2 H315; STOT SE3 H335; Eye Dam1 H318

### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice: No special measures required

If inhaled: Remove to fresh air. Consult doctor in case of complaints

In case of skin contact: Wash off immediately with soap and plenty of water.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Remove contact lenses. Then consult a doctor.

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 & effects: No further information available

#### 4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat symptomatically

## 5. Fire fighting measures

### 5.1 Extinguishing media:

Suitable media: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
 Unsuitable media: No information available

### 5.2 Special hazards arising from the substance or mixture

Specific Hazards: None known

### 5.3 Advice for fire-fighters

Protective equipment: Wear self contained breathing apparatus (SCBA) and full turn out gear.  
 Further Information: Wear full protective clothing and self contained breathing apparatus.

## 6. Accidental release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Wear appropriate clothing.

### 6.2 Environmental precautions

Environmental precautions: Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation

### 6.3 Methods and materials for containment and cleaning up

Cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 6.4 Reference to other sections

See Section 1 for emergency contact information  
 See Section 7 for information on Personal protective equipment  
 See section 13 for waste treatment information

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: No special measures required

Hygiene measures: Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feed stuffs. When using do not eat and drink.

### 7.2 Conditions for safe storage, including any incompatibilities.

Storage areas and containers: Prevent seepage into ground.

Fire and explosion: No special measures required  
 Further Information: No further information available

### 7.3 Specific end uses

Specific use(s) Clarification of swimming Pool Water

## 8. Exposure control/personal protection

### 8.1 Control parameters

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK - WEL	10 mg/m <sup>3</sup>	-	4 mg/m <sup>3</sup>	-

## 8. Exposure control/personal protection

### 8.2 Exposure controls

#### Engineering measures

#### Personal protective equipment

Respiratory protection      No specific recommendation made, but protection against nuisance dust must be used

Hand protection              Use protective gloves made of rubber, neoprene or PVC

Eye protection                Tightly fitting safety goggles. Ensure eye bath is to hand.

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

#### Environmental exposure controls

General advice:                Dispose of in accordance with all applicable local and national regulations,

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form:	Liquid
Colour:	Colourless
Odour:	Characteristic

pH @ 20°C:	7 - 8
Boiling point:	100°C
Vapour pressure:	23 hPa
Density @ 20°C:	1g / cm <sup>3</sup>
Water solubility:	Fully miscible

### 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 avoid

Conditions to avoid            No Information available

### 10.5 Incompatible materials

Materials to avoid              No Information available

### 10.6 Hazardous decomposition products

Haz. decomp. products        None known

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Irritation

Skin	No irritant effect
Eyes	No irritating effect

Sensitisation	No sensitizing effects known
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Other relevant toxicity:	Not subject to classification according to the calculation method of the General EU Guidelines for preparations as issued in the latest version.
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## 12. Ecological Information

### 12.1 Toxicity

Acute toxicity	No information available
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### 12.2 Persistence and degradability

Persistence and degradability	Inherently biodegradable
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### 12.3 Bioaccumulative potential

Bioaccumulative potential	Product is not expected to bioaccumulate
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### 12.4 Mobility in soil

Mobility	No information available
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### 12.5 Results of PBT and vPvB assessment

PBT identification:	No information available
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### 12.6 Other adverse effects

Other adverse effects	Water hazard class 1 (German regulation)(self assessment). Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralized.
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## 13. Disposal Considerations

### 13.1 Waste treatment methods

Product:	Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
Contaminated packaging:	Empty contaminated packaging's thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
European Waste Catalogue No:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

## 14. Transport Information

**Transport class:** This product does not require a classification for transport.

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.

This product is not classified according to the EU regulations

### 15.2 Chemical Safety Assessment

No information available

<b>16. Other information</b>
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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.

 Indicates updated section.