

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

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: 12042-91-0 EC No: 234-933-1 CLP Classification: 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: CO2, 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	15 min.	8 hour	15 min.
	TWA	STEL	TWA	STEL
UK - WEL	10 mg/m ³	-	4 mg/m ³	-

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 / cm³
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

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.

12. Ecological Information

12.1 Toxicity

Acute toxicity No information available

12.2 Persistence and degradability

Persistence and degradability Inherently biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential Product is not expected to bioaccumulate

12.4 Mobility in soil

Mobility No information available

12.5 Results of PBT and vPvB assessment

PBT identification: No information available

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.

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

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.

█ Indicates updated section.