Ultimate Boost Tablets

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

1.1 Product Identifier Ultimate Boost Tablets

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

Uses: For disinfection of pool and spa 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 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Statements
Ox. Sol. 2	H272
Acute Tox. 4 *	H302
Eye Irrit. 2	H319
STOT SE 3	H335
Aquatic Acute 1	H410
Aquatic Chronic 1	

For the full text of the H statements mentioned in this section see Section 16.

Most important adverse effects

Human Health: See section 11 for toxicological information.
Physical & Chemical Hazards: See section 9 for toxicological information.
Potential environmental effects: See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:


GHS03


GHS07


GHS09

Signal word: Danger

Hazard statements:

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

Precautionary statements:

P102	Keep out of reach of children
P402	Store in a dry place.

2. Hazard Identification

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Hazardous components which must be listed on the label
Trichloroisocyanuric Acid

2.3 Other Hazards
No other information is available.

3. Composition/information on ingredients

3.2 Mixture
Chemical nature: Solid

trichloroisocyanuric acid

EINECS	CAS	Index No	CLP Classification	Percent
201-782-8	87-90-1	613-031-00-5	H272;H302;H319;H335;H400;H410;	50 - 100%

sodium carbonate

207-838-8	497-19-8		Eye Irrit 2. H319	25 - 50%

4. First Aid measures

4.1 Description of first aid measures
Take off all contaminated clothing immediately.

After inhalation
Move to fresh air. Remove contaminated clothing and loosen remaining clothing. Keep at rest until fully recovered. If breathing is laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. if breathing has stopped apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice. In severe cases pulmanory oedema can be delayed by up to 48 hours.

After contact with skin
Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention

After contact with eyes
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult an eye specialist immediately. Go to an ophthalmic hospital if necessary.

After ingestion
Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms & Effects: No 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: Water (plenty) or CO2 for escape purposes only.

Unsuitable media: DO NOT USE ammonium compounds as Nitrogen Trioxide will be formed (explosive

5.2 Special hazards arising from the substance or mixture

Specific Hazards : Non-flammable but thermally decomposes at above 225 oC. Decomposition liberates chlorine, Hypochlorous acid, Cyanuric acid. Nitrogen trichloride can be generated slowly by the reaction of small quantities of water with a high concentration of this product.

5.3 Advice for fire-fighters

Special protective equipment: Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Thoroughly decontaminate fire-fighting equipment including all fire fighting wearing apparel after the incident.

Further Information: Collect contaminated fire extinguishing water separately.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment. Provide adequate ventilation.
For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration
If the product contaminates rivers and lakes or drains inform respective authorities
Local authorities should be advised if significant spillages cannot be contained

6.3 Methods and materials for containment and cleaning up

Cleaning Up: Sweep up, avoiding generation of dust , then immediately spread as a thin layer in an uncontaminated, dry open area, to avoid the possibility of hot spots forming.
DO NOT store or transport swept up material. DO NOT return spilled material to original container. Do not add small amount of water to material. Where a spill has occurred in a confined space or an unventilated building and the material is damp and evolving chlorine, the rate of chlorine evolution can be reduced by covering the thinly spread solid with soda ash. For large spills notify Emergency Services.

6.4 Reference to other sections

For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Strong oxidising agent. DO NOT MIX WITH OTHER CHEMICALS. Mix only with water. Never add water to product. Always add product to water. Use clean dry dispensing equipment. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas and containers: Keep this product in original, sealed container when not in use. Store in a cool, dry, well-ventilated area.

7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities.

Protection against fire: Normal measures for preventive fire protection
Further information: Keep away from children
Common storage: Keep away from food, drink and animal feeding stuffs. Keep away from combustible material

7.3 Specific end uses

Specific use(s) No information is available.

8. Exposure control/personal protection

8.1 Control parameters

EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.

	8 hour TWA	Remarks
LTEL	10 mg/m^3	Total inhalable dust
LTEL	4 mg/m^3	Respirable dust

8.2 Exposure controls

Engineering measures Fume cupboard required when vapours/aerosol are generated.

Personal protective equipment

Respiratory protection: Use respiratory protection for chlorine and dust inhalation protection.

Hand protection: The glove material has to be impermeable to the product/the substance/preparation.
Protective gloves should be replaced at first sign of wear.
Due to missing tests no recommendation to the glove material can be given.

Eye protection: Tightly fitting safety goggles.

Skin and body protection: Plastic apron, sleeves, boots-if handling large quantities

Environmental exposure controls

General advice: General room ventilation plus local exhaust should be used to maintain exposure below
Local authorities should be advised if significant spillages cannot be contained

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Tablets
Colour: Whitish
Odour: Characteristic chlorine

Melting Point: Undetermined
Flash point: Not applicable
Water solubility: Fully miscible
Explosive properties: Product is not explosive.

9.2 Other Information

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 used according to specifications.

10.3 Possibility of hazardous reactions

Hazardous reactions: No information available.

10.4 Conditions to avoid

Conditions to avoid: High temperature. Poor ventilation. Contamination. Moisture/high humidity.

10.5 Incompatible materials

Materials to avoid: Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidisable material such as organic compounds, reducing agents, Nitrogen containing compounds, Sodium or Calcium hypochlorite, other oxidisers, acids and alkalis.

10.6 Hazardous decomposition products

Haz. Decomp. products: No dangerous decomposition products known.

11. Toxilogical Information

11.1 Information on toxilogical effects

Acute Toxicity

trichloroisocyanuric acid			
Type	Type	Value	Species
Oral	LD50	406 mg/kg	Rat

Primary Irritant effect

On the skin: No irritating effect

On the eye: Irritating effect

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

Other relevant toxicity information:

Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, convulsions and chemical burns.

12. Ecological Information

12.1 Toxicity

This product is toxic to fish and aquatic organisms.

DO NOT discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans or their waters unless in accordance with the applicable regulatory requirements.

DO NOT discharge effluent containing this product to sewer systems without previously notifying the local sewage

12.2 Persistence and degradability

Persistence and degradability: Neutralised slowly by natural alkalinity.

12.3 Bioaccumlative potential

Bioaccumlative potential: No data available

12. Ecological Information

12.4 Mobility in soil

Mobility soluble in water, predicted to have high mobility in soil.

12.5 Results of PBT and PvB assessment

PBT & PvB No data available

12.6 Other adverse effects

Harmful effects to aquatic organisms due to pH shift

Neutralization is normally necessary before waste water is discharged into water treatment plants.

13. Disposal Considerations

13.1 Waste treatment methods

Product:	Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services.
Contaminated packaging:	Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is 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

14.1 UN Number UN2468

14.2 UN proper shipping name TRICHLOROISOCYANURIC ACID, DRY

14.3 Transport hazard class(es)

ADR Class	5.1
(Label, classification code; Hazard ID; Tunnel Restriction code)	5.1; E2; 50; (E)
RID Class	5.1
(Label, Classification Code; Hazard ID;)	5.1; F-A, S-Q; 50
IMDG Class	5.1
(Labels; EmS)	5.1; E2; 50;

14.4 Packaging Group II

14.5 Environmental hazards

Labelling according to 5.2.1.8 ADR:	No
Labelling according to 5.2.1.8 RID:	No
Labelling according to 5.2.1.8 IMDG:	No
Classified according to 2.9.3 IMDG:	No
Classified as 'P' according to 2.10 IMDG:	No

14.6 Special precautions for user

Not applicable

14. Transport Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IMDG:

15. Regulatory information

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

No information available

15.2 Chemical Safety Assessment

No details available

16. Other information

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

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

Further information

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

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.