

Super Cleanse

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

1.1 Product Identifier Super Cleanse

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

Uses: Cleaning agent

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+H312+H332
Eye Dam. 1	H318
STOT RE 2	H373

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 physicochemical information
Potential environmental effects:	See section 12 for environmental information

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:    

Signal word: Danger

Hazard statements:

H272	May intensify fire; oxidiser
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
Precautionary Statements:	
P220	Keep/Store away from clothing/combustible materials.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Trade Name: Super Cleanse

2. Hazard Identification

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

P310 Immediately call a POISON CENTER/doctor.

Special labelling of certain mixtures

EUH029 Contact with water liberates toxic gas.

EUH031 Contact with acids liberates toxic gas.

2.3 Other Hazards

No data available

3. Composition/information on ingredients

3.2 Mixtures

%	CAS No	ENICS No	Reach No	CLP Phrases
sodium hydrogensulphate				
50 - 80 %	231-665-7	7681-38-1	016-046-00-X	Dam. 1; H318
Sodium chlorite				
5-15 %	231-836-6	7758-19-2	-	Ox. Sol. 1, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1B, STOT RE 2, Aquatic Acute 1, Ox. Sol. 1, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1B, STOT RE 2, Aquatic Acute 1, (M-Factor = 1); H271 H310 H301 H314 H373 H400 EUH032 EUH071

4. First Aid measures

4.1 Description of first aid measures

General information	Reacts with acids, with formation of chlorine dioxide (ClO ₂). Remove contaminated soaked clothing immediately and dispose of safely. Wash body carefully (bath or shower).
After inhalation	Move to fresh air in case of accidental inhalation of vapours. Seek medical treatment immediately.
After contact with skin	Wash off immediately with soap and plenty of water. Seek medical treatment immediately.
After contact with eyes	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical treatment immediately.
After ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Seek medical treatment immediately.

4. First Aid measures

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage. Reacts with
May cause damage to organs through prolonged or repeated exposure.
Harmful in contact with skin. Move to fresh air in case of accidental inhalation of vapours.
Harmful by inhalation and Seek medical treatment immediately.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically
Seek medical treatment immediately.

5. Fire fighting measures

5.1 Extinguishing media:

In case of fire: Dry fire-extinguishing substance
DO NOT USE: Water. Contact with water liberates toxic gas (ClO₂)

5.2 Special hazards arising from the substance or mixture

Special hazards: In case of fire formation of dangerous gases possible. (ClO₂)

5.3 Advice for fire-fighters

In case of fire, wear suitable respiratory equipment with positive air supply

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

In case of vapour formation use respirator.
Avoid contact with skin, eyes and clothing. Use personal protective clothing.
Keep away noninvolved persons. Ensure adequate ventilation. Do not breathe vapours and aerosols.

6.2 Environmental precautions

Avoid release to the environment. Do not discharge into the drains or bodies of water.
Inform competent authority about release into the sewage, ground or into waters

6.3 Methods and materials for containment and cleaning up

Risk of fire if the water component dries out. Do not allow to dry. Dilute with plenty of water.

6.4 Reference to other sections

See Section 1 for emergency contact information
See Section 7 & 8 for information on Personal protective equipment
See section 13 for waste treatment information

7. Handling and storage

7.1 Precautions for safe handling

Handling Provide sufficient air exchange and/or exhaust in work rooms.
Avoid contact with the skin and the eyes. Follow the directions.
Further information: Take the usual precautions when handling with chemicals

7.2 Conditions for safe storage, including any incompatibilities.

Storage: Keep only in original container. Keep container tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

7. Handling and storage

Common Storage: Keep at a distance of acids, reducing agents and organic substances (e.g. wood, paper, fat). Keep away from metals
Further information: Keep from freezing. Protect from heat and direct solar radiation.

7.3 Specific end uses

Deep Clean Spa & Hot Tub, Cleaning agent

8. Exposure control/personal protection

8.1 Control parameters No data available

8.2 Exposure controls Provide sufficient air exchange and/or exhaust in work rooms.

Hygiene measures At work do not eat, drink, smoke or take drugs. Wash hands before breaks and immediately after handling the product. Avoid contact with eyes and skin.

Respiratory protection In case of insufficient ventilation, especially in confined areas.
Half mask with a particle filter P3 (European Norm EN 143 = former DIN 3181).

Hand protection Chemical-resistant gloves (EN 374).; PVC, PE
Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration.

Eye protection Wear eye/face protection

Skin protection Protection clothes

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

Appearance Tablets
Colour White to yellowish
Odour Chlorine
pH-Value (at 20 °C): 6-7 (0,0025 % Solution)

Changes in the physical state

Density (at 20 °C): No data
Water solubility: Reacts with water

9.2 Other Information No data available

10. Stability and reactivity**10.1 Reactivity**

Reactivity Reacts with acids, with formation of chlorine dioxide (ClO₂). Contact with water liberates toxic gas (ClO₂)

10.2 Chemical stability

Chemical stability Stable under normal conditions.

10. Stability and reactivity**10.3 Possibility of hazardous reactions**

Hazardous reactions: Reacts with acids, with formation of chlorine dioxide (ClO₂).
Contact with water liberates toxic gas (ClO₂)

10.4 Conditions to avoid

Conditions to avoid Keep away from combustible material.
Protect from atmospheric moisture and water

10.5 Incompatible materials

Materials to avoid Reacts with acids, with formation of chlorine dioxide (ClO₂).
Contact with water liberates toxic gas (ClO₂)

10.6 Hazardous decomposition products

Haz. Decomp. products: Reacts with acids, with formation of chlorine dioxide (ClO₂).
Contact with water liberates toxic gas (ClO₂)

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

Harmful in contact with skin. (Proved by toxicological expert statement.)
Harmful by inhalation and if swallowed

Sodium chlorite				7758-19-2
Acute oral toxicity	LD50	132 mg/kg	Rat	
Acute dermal toxicity	LD50	107 mg/kg	Rabbit	
Acute inhalation toxicity	LC50	0,29 mg/l	Rabbit	4hrs

Irritation and corrosivity Causes serious eye damage.

Severe effects after repeated or prolonged exposure

May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity: Not Classified
Teratogenicity : No information available
Mutagenicity: Not classified
Reproductive toxicity: Not Classified

Further information

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

12. Ecological Information**12.1 Toxicity**

Sodium chlorite				7758-19-2
Acute fish toxicity	LC50	50,6	mg/l	96hrs
Acute crustacea toxicity	EC50	0.29	mg/l	48hrs

12.2 Persistence and degradability

Persistence and degradability Inorganic product.

12.3 Bioaccumulative potential

Bioaccumulative potential Not determined

12. Ecological Information

12.4 Mobility in soil

Mobility in soil Not determined

12.5 PBT and PvB assessment

PBT Identification Not determined

12.6 Other adverse effects

Other adverse effects Hazardous water pollutant.

Further Information

When discharging diluted application solutions into the public sewage system, local regulations (e.g. pH value) must be observed. Do not release undiluted into wastewater or drainage ditch.

13. Disposal Considerations

13.1 Waste treatment methods

Should not be disposed of with household waste.
Remove in accordance with local official regulations.

Waste disposal number of waste from residues/unused products

060704 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of halogens and halogen chemical processes; solutions and acids, for example contact acid

Classified as hazardous waste.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport Information

14.1 UN Number UN1496

14.2 UN proper shipping name SODIUM CHLORITE, mixture

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Label, classification code; Hazard ID; Tunnel Restriction code) 5.1
5.1; O2; 50; E
Transport category: 2
Limited quantity: 1 kg



Marine transport (IMDG)

Hazard label: 5.1
Special Provisions: -
Limited quantity: 1 kg
EmS: F-H, S-Q



Air transport (ICAO)

Hazard label: 5.1
Limited quantity Passenger: 2.5kg
IATA-packing instructions - Passenger: 558
IATA-max. quantity - Passenger: 5kg



14. Transport Information

IATA-packing instructions - Cargo:	562
IATA-max. quantity - Cargo:	25kg

14.4 Packaging Group	II
-----------------------------	----

14.5 Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	No
----------------------------	----

14.6 Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

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

The transport takes place only in approved and appropriate packaging.

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

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing. Observe employment restrictions for women of child-bearing age.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

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

H271 May cause fire or explosion; strong oxidiser;

H272 May intensify fire; oxidiser;

H301 Toxic if swallowed;

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled;

H310 Fatal in contact with skin;

H314 Causes severe skin burns and eye damage;

H318 Causes serious eye damage;

H373 May cause damage to organs through prolonged or repeated exposure;

H400 Very toxic to aquatic life;

EUH029 Contact with water liberates toxic gas;

EUH031 Contact with acids liberates toxic gas;

EUH032 Contact with acids liberates very toxic gas;

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.