

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name: Immerse Sachets**

• Article number: 13321CPC

• **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

• Application of the substance / the mixture Cleaning material/ Detergent

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

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

• **Further information obtainable from:** product safety

• **1.4 Emergency telephone number:**

Telephone: +44 (0) 8712 229081 (office hours)

+44 (0) 1242 300271 (outside of office hours)

National Poison Inform. Centre  
Medical Toxicology Unit  
Avalonley Road  
London SE14 5ER  
+44 (0) 171 635 91 91

### SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

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



corrosion

Skin Corr. 1A     H314 Causes severe skin burns and eye damage.

Eye Dam. 1     H318 Causes serious eye damage.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



STOT SE 3     H335 May cause respiratory irritation.

• **2.2 Label elements**

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

The product is classified and labelled according to the GB CLP regulation.

(Contd. on page 2)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

Trade name: Immerse Sachets

(Contd. of page 1)

## • Hazard pictograms



GHS05

GHS07

GHS09

## • Signal word Danger

## • Hazard-determining components of labelling:

disodium silicate pentahydrate

sodium hydroxide

## • Hazard statements

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

## • Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P260 Do not breathe dust.

P280 Wear protective gloves / eye protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## • Additional information:

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

## • 2.3 Other hazards

## • Results of PBT and vPvB assessment

• PBT: Not applicable.

• vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

## • 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

## • Dangerous components:

CAS: 1310-73-2	sodium hydroxide	10-25%
EINECS: 215-185-5	Met. Corr.1, H290; Skin Corr. 1A, H314	
Index number: 011-002-00-6		
Reg.nr.: 01-2119457892-27-XXXX		
CAS: 10213-79-3	disodium silicate pentahydrate	10-25%
EINECS: 229-912-9	Skin Corr. 1B, H314;  STOT SE 3, H335	
Index number: 014-010-00-8		
CAS: 497-19-8	sodium carbonate	10-25%
EINECS: 207-838-8	Eye Irrit. 2, H319	
Index number: 011-005-00-2		
Reg.nr.: 01-2119485498-19-XXXX		
CAS: 1300-72-7	sodium xylenesulphonate	2.5-10%
EINECS: 215-090-9	Eye Irrit. 2, H319	
Reg.nr.: 01-2119513350-56-XXXX		
CAS: 51580-86-0	troclosene sodium, dihydrate	2.5-10%
EINECS: 220-767-7	Aquatic Acute 1, H400;  Aquatic Chronic 1, H410;  Acute Tox. 4, H302;  Eye Irrit. 2, H319;  STOT SE 3, H335	
Index number: 613-030-01-7		

## • Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants, chlorine-based bleaching agents ≥5 - <15%

• Additional information: For the wording of the listed hazard phrases refer to section 16.

GB

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

Trade name: Immerse Sachets

(Contd. of page 2)

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:**  
Involve doctor immediately.  
Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Call a doctor immediately.  
Immediate medical treatment necessary. Failure to treat burns can prevent wounds from healing.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Call a doctor immediately.  
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Hydrogen chloride (HCl)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid formation of dust.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Do not refill residue into storage receptacles.  
Restrict the quantity stored at the work place.  
Store in cool, dry place in tightly closed receptacles.  
Thorough dedusting.
- **Information about fire - and explosion protection:** No special measures required.

(Contd. on page 4)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

Trade name: Immerse Sachets

(Contd. of page 3)

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
  - Requirements to be met by storerooms and receptacles:
    - Prevent any seepage into the ground.
    - Store only in the original receptacle.
    - Provide alkali-resistant floor.
  - Information about storage in one common storage facility: Store away from metals.
  - Further information about storage conditions:
    - This product is hygroscopic.
    - Protect from humidity and water.
    - Keep container tightly sealed.
  - Storage class: 8 B
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**

#### 1310-73-2 sodium hydroxide (10-25%)

WEL Short-term value: 2 mg/m<sup>3</sup>

#### 51580-86-0 troclosen sodium, dihydrate (2.5-10%)

WEL Short-term value: 0.07 mg/m<sup>3</sup>Long-term value: 0.02 mg/m<sup>3</sup>

Sen; as -NCO

- Additional information: The lists valid during the making were used as basis.

#### 8.2 Exposure controls

##### Personal protective equipment:

- General protective and hygienic measures:
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes and skin.
- Respiratory protection:
  - Filter P2
  - Filter P3

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### Material of gloves

Rubber gloves

Fluorocarbon rubber (Viton)

PVC or PE gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

##### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### Not suitable are gloves made of the following materials:

Strong material gloves

Leather gloves

(Contd. on page 5)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

Trade name: Immerse Sachets

(Contd. of page 4)

- Eye protection:  
Face protection



Tightly sealed goggles

- Body protection: Protective work clothing

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form: Solid  
Colour: White

- Odour: Odourless
- Odour threshold: Not determined.

• pH-value (10 g/l) at 20 °C: > 14

##### Change in condition

Melting point/freezing point: Undetermined.  
Initial boiling point and boiling range: 1,390 °C

• Flash point: Not applicable.

• Flammability (solid, gas): Not determined.

• Ignition temperature: 250 °C

• Decomposition temperature: Not determined.

• Auto-ignition temperature: Product is not selfigniting.

• Explosive properties: Product does not present an explosion hazard.

##### Explosion limits:

Lower: Not determined.  
Upper: Not determined.

• Vapour pressure: Not applicable.

• Density: Not determined.

• Relative density: Not determined.

• Vapour density: Not applicable.

• Evaporation rate: Not applicable.

##### Solubility in / Miscibility with

water: Soluble.

• Partition coefficient: n-octanol/water: Not determined.

##### Viscosity:

Dynamic: Not applicable.  
Kinematic: Not applicable.

##### Solvent content:

Solids content: 100.0 %

• 9.2 Other information: No further relevant information available.

### SECTION 10: Stability and reactivity

• 10.1 Reactivity: No further relevant information available.

#### 10.2 Chemical stability

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

#### 10.3 Possibility of hazardous reactions

Reacts with acids releasing chlorine.

Reacts with various metals.

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

**Trade name: Immerse Sachets**

(Contd. of page 5)

Strong exothermic reaction with acids.

Corrosive action on metals.

- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
  - Chlorine
  - Hydrogen chloride (HCl)
  - Carbon monoxide

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**


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  - 1310-73-2 sodium hydroxide**
    - LC50 125 mg/l (Danio rerio (Zebraabrling))
    - LD50 2,000 mg/kg (rat)
  - 51580-86-0 trocloses sodium, dihydrate**
    - Oral LD50 1,400 mg/kg (rat)
    - Dermal LD50 >2,000 mg/kg (rabbit)
    - Inhalative LC50 950 mg/l (rat)
- **Primary irritant effect:**
- **Skin corrosion/irritation**
  - Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**
  - Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
  - **CMR effects** (carcinogenicity, mutagenicity and toxicity for reproduction)
  - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
  - **Carcinogenicity** Based on available data, the classification criteria are not met.
  - **Reproductive toxicity** Based on available data, the classification criteria are not met.
  - **STOT-single exposure**
    - May cause respiratory irritation.
  - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
  - **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**


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  - 1310-73-2 sodium hydroxide**
    - EC50 76 mg/l (daphnia)
  - 51580-86-0 trocloses sodium, dihydrate**
    - EC50 0.28 mg/l (daphnia)
    - LC50 0.25 mg/l (Danio rerio (Zebraabrling))
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
  - Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
  - Do not allow product to reach ground water, water course or sewage system.
  - Must not reach sewage water or drainage ditch undiluted or unneutralised.
  - Danger to drinking water if even small quantities leak into the ground.
  - Also poisonous for fish and plankton in water bodies.
  - Toxic for aquatic organisms

(Contd. on page 7)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

Trade name: Immerse Sachets



(Contd. of page 6)

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.


### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must be specially treated adhering to official regulations.  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:**  
Non contaminated packagings may be recycled.  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN3262
- **14.2 UN proper shipping name**
- **ADR** 3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE), ENVIRONMENTALLY HAZARDOUS
- **IMDG** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE), MARINE POLLUTANT
- **IATA** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE)
- **14.3 Transport hazard class(es)**
- **ADR, IMDG**
- 

- **Class** 8 Corrosive substances.
- **Label** 8

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- **IATA**
- 
- **Class** 8 Corrosive substances.
- **Label** 8
- **14.4 Packing group**
- **ADR, IMDG, IATA** II
- **14.5 Environmental hazards:**
- **Marine pollutant:** Product contains environmentally hazardous substances: troclosene sodium, dihydrate  
Symbol (fish and tree)
- **Special marking (ADR):** Symbol (fish and tree)
- **14.6 Special precautions for user** Warning: Corrosive substances.
- **Hazard identification number (Kemler code):** 80
- **EMS Number:** F-A,S-B
- **Segregation groups** (SGG18) Alkalis
- **Stowage Category** B
- **Segregation Code** SG35 Stow "separated from" SGG1-acids

(Contd. on page 8)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

**Trade name: Immerse Sachets**

(Contd. of page 7)

• **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

• **Transport/Additional information:**

• ADR

• Excepted quantities (EQ):

E2

• Limited quantities (LQ)

1 kg

• Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

• Transport category

2

• Tunnel restriction code

E

• IMDG

• Limited quantities (LQ)

1 kg

• Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

• **UN "Model Regulation":**

UN 3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE), 8, II, ENVIRONMENTALLY HAZARDOUS

## SECTION 15: Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Directive 2012/18/EU**

• Named dangerous substances - ANNEX I None of the ingredients is listed.

• Seveso category E2 Hazardous to the Aquatic Environment

• Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

• Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Relevant phrases**

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

• **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

(Contd. on page 9)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.08.2022

Version number 7

Revision: 11.08.2022

**Trade name: Immerse Sachets**

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

(Contd. of page 8)

- **\* Data compared to the previous version altered.**

GB