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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

Product Name: **Waterline Cleaner**  
Datasheet Number: SP937 1. 1. 0  
Product Part Number: SP937  
Chemical Name: Water based hard surface cleaner

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

Pool / spa treatment

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

Name of Supplier: Total Pool Chemicals Ltd  
Address of Supplier: Unit 1, Pool Bank Business Park  
High Street, Tarvin  
Chester CH3 8JH  
UK  
Telephone: +44 (0)1829 740290  
Fax: +44 (0)1829 741855  
Responsible Person: Steve Carder  
Email: sales@totalpool.co.uk

#### 1.4 Emergency telephone number

+44 (0)1829 740290 (Office Hours)

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## 2 Hazards identification

### 2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Eye Dam. 1, H318
- Skin Irrit. 2, H315
- Classification (67/548/EEC, 1999/45/EC)
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16
- Xi; R41
- R38

### 2.2 Label elements



- Signal Word: Danger
- Symbols: GHS07

#### Hazard phrases

- Causes serious eye damage.
- Causes skin irritation.



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## 2 Hazards identification (....)

### Precautionary Phrases

- Keep out of reach of children.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN: Wash with plenty of soap and water.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

### 2.3 Other hazards

- Mildly irritating to respiratory system

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## 3 Composition/information on ingredients

### 3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols	Index No.
disodium metasilicate	1-10%	6834-92-0	229-912-9	H314, H335 R34, R37	GHS05, GHS07 C, Xi	014-010-00-8
tetrasodium ethylene diamine tetraacetate	1-10%	64-02-8	200-573-9	H302, H318 R22, R41	GHS05, GHS07 Xn, Xi	607-428-00-2

\*See Section 16

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## 4 First aid measures

### 4.1 Description of first aid measures

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash with plenty of soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

- Causes serious eye damage.
- Causes irritation

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

- Treat symptomatically

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## 5 Fire-fighting measures

### 5.1 Extinguishing media

- This product is not flammable
- In case of fire: use water for extinction



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## 5 Fire-fighting measures (....)

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

- See Section 10.6
- Gives off irritating or toxic fumes (or gases) in a fire.

### 5.3 Advice for firefighters

- Use water to cool containers exposed to fire.
- Wear protective clothing as per section 8
- Wear Breathing Apparatus

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## 6 Accidental release measures

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

- Shut off source of leak if safe to do so
- Contain spillage by any means possible
- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

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

- Absorb spillage in earth or sand
- Sweep or shovel-up spillage and remove to a safe place
- Place in appropriate container
- Remove contaminated material to safe location for subsequent disposal
- Flush spill area with copious amounts of water

### 6.4 Reference to other sections

- See Section 7 & 8

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## 7 Handling and storage

### 7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Do not get in eyes, on skin, or on clothing.

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

- Store in a well-ventilated place. Keep container tightly closed.

### 7.3 Specific end use(s)

- No information available.

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## 8 Exposure controls/personal protection

### 8.1 Control parameters

disodium metasilicate

- No exposure limits have been set for this substance

tetrasodium ethylenediamine tetraacetate



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## 8 Exposure controls/personal protection (....)

- No exposure limits have been set for this substance

### 8.2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation

#### Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear suitable protective clothing, including eye/face protection and gloves (butyl rubber are recommended)
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection



Respirator



Goggles



Gloves



Suit

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: blue, Liquid
- pH 12.5 - 13.0
- Boiling point 100 °C
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point 0 °C
- Completely soluble in water
- Specific gravity 1.110 g/cm<sup>3</sup>
- Not flammable
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

### 9.2 Other information

- No information available

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## 10 Stability and reactivity

### 10.1 Reactivity

- No information available

### 10.2 Chemical stability

- No information available

### 10.3 Possibility of hazardous reactions

- Incompatible with acid

### 10.4 Conditions to avoid

- Avoid overheating



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## 10 Stability and reactivity (....)

### 10 .5 Incompatible materials

- Incompatible with acid
- Avoid contact with oxidising substances

### 10 .6 Hazardous Decomposition Products

- Decomposition products may include toxic fumes

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## 11 Toxicological information

### 11 .1 Information on toxicological effects

- LD50 (oral, rat) (disodium metasilicate) 1153 mg/kg
- LD50 (oral, mouse) (disodium metasilicate) 770 mg/kg
- LD50 (oral, rat) (tetra-sodium ethylenediamine tetra-acetate) 3030 mg/kg

#### Inhalation

- May cause breathing difficulty

#### Contact with skin

- Causes redness and irritation

#### Contact with eyes

- Causes severe irritation
- Causes redness
- Severe lachrymatory effects (makes eyes water)
- May cause pain
- Can cause damage to the eyes

#### Ingestion

- May cause nausea/vomiting
- The ingestion of significant quantities may cause damage to mucous membranes

#### Carcinogenicity

- No evidence of carcinogenic effects

#### Teratogenicity

- No information available

#### Mutagenicity

- No information available

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## 12 Ecological information

### 12 .1 Toxicity

- LC50 (Fathead minnow) (tetra-sodium ethylenediamine tetra-acetate) >100 mg/l (96hr)

### 12 .2 Persistence and degradability

- Biodegradable
- The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.



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## 12 Ecological information (....)

### 12 .3 Bioaccumulation Potential

- Bioaccumulation is insignificant

### 12 .4 Mobility in soil

- Large volumes may penetrate soil and contaminate groundwater
- Completely soluble in water
- This substance is volatile

### 12 .5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12 .6 Other Adverse Effects

- Presents little or no hazard to the aquatic environment

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## 13 Disposal considerations

### 13 .1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

#### Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)

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## 14 Transport information

### 14.1 UN Number

N/A

### 14.2 UN Proper Shipping Name

N/A

### 14.3 Transport hazard class(es)

N/A

### 14.4 Packing group

### 14 .5 Environmental hazards

- Presents little or no hazard to the environment

### 14 .6 Special precautions for user

- See Section 7

### 14 .7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

#### Other information

##### Road/Rail (ADR/RID)

Proper Shipping Name: Not hazardous

ADR Hazard Class:

Tunnel Code:

ADR UN No.:

ADR Packing Group:



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## 14 Transport information (....)

### Sea (IMDG)

Proper Shipping Name:	Not hazardous	IMDG UN No.:
IMDG Hazard Class.:		IMDG Pack Group.:

### Air (ICAO/IATA)

Proper Shipping Name:	Not hazardous	ICAO Un No.:
ICAO Hazard Class.:		ICAO Packing Group.:

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## 15 Regulatory information

### 15 .1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Refer to current CPL Regulations
- Refer to current EC Directive 82/501/EEC (the Seveso Directive)
- The List of Wastes (England) Regulations 2005 apply in the UK
- Not hazardous according to current ADR Regulations

### 15 .2 Chemical Safety Assessment

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## 16 Other information

Text of R and S phrase codes used in this safety data sheet:- H302: Harmful if swallowed.; H314: Causes severe skin burns and eye damage.; H318: Causes serious eye damage.; H335: May cause respiratory irritation.; R22: Harmful if swallowed; R34: Causes burns; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes.

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.