



SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: **Sparkle Water Clarifier**
Datasheet Number: SP402 1. 0. 0
Product Part Number: SP402
Chemical Name: 1,2 Ethanediamine, polymer with (chloromethyl) oxirane and Nmethylmethanamine (9CI)

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)

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Aquatic Chronic 3, H412
- Classification (67/548/EEC, 1999/45/EC)
- R52/53
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

Hazard phrases

- Harmful to aquatic life with long lasting effects.

Precautionary Phrases

- Avoid release to the environment.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

- Mildly irritating to skin and eyes
 - Mildly irritating to respiratory system
 - Spillage causes slippery surface
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3 Composition/information on ingredients

3.1 Mixtures

Date of Last Change 09/07/2011



3 Composition/information on ingredients (....)

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols	Index No.
1,2 Ethanediamine, polymer with (chloromethyl) oxirane and Nmethylmethanamine (9CI)	25-55%			H412 R52/53		

*See Section 16

4 First aid measures

4 .1 Description of first aid measures

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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 SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Call a POISON CENTER or doctor/physician if you feel unwell.

4 .2 Most important symptoms and effects, both acute and delayed

- May cause irritation
- In cases of severe exposure, nausea/vomiting may develop
- In cases of severe exposure, coughing may develop

4 .3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically

5 Fire-fighting measures

5 .1 Extinguishing media

- In case of fire: use foam, carbon dioxide or dry agent for extinction

5 .2 Special hazards arising from the substance or mixture

- See Section 10.6
- Decomposition products may include nitrogen and carbon oxides

5 .3 Advice for firefighters

- Wear protective clothing as per section 8
- Do not allow to enter public sewers and watercourses

6 Accidental release measures

6 .1 Personal precautions, protective equipment and emergency procedures

- 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
- Contain spillage by any means possible
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities



6 Accidental release measures (....)

6.3 Methods and material for containment and cleaning up

- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- Absorb spillage in inert material and shovel up
- Wash thoroughly after dealing with spillage
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 7 & 8

7 Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.
- Avoid contact with skin and eyes.
- Avoid breathing dust/fume/gas/mist/vapours/spray.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place. Store in a closed container.
- Store at ambient temperature
- Keep only in original container.

7.3 Specific end use(s)

- No information available.

8 Exposure controls/personal protection

8.1 Control parameters

- The undiluted product must not be used in a confined space without good ventilation

1,2 Ethanediamine, polymer with (chloromethyl) oxirane and Nmethylmethanamine (9CI)

- WEL (short term) 0.5 ppm
- WEL (short term) 1.0 mg/m³

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



9 Physical and chemical properties

9 .1 Information on basic physical and chemical properties

- Odour: Very small
- Appearance: Liquid
- pH 5
- Boiling point 100 °C
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point - not applicable
- Water solubility - not known
- Specific gravity 1.1 g/cm³
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

9 .2 Other information

- Bulk density - not applicable

10 Stability and reactivity

10 .1 Reactivity

- No information available

10 .2 Chemical stability

- No information available

10 .3 Possibility of hazardous reactions

- No information available

10 .4 Conditions to avoid

- Avoid overheating
- Keep away from frost

10 .5 Incompatible materials

- No information available

10 .6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides

11 Toxicological information

11 .1 Information on toxicological effects

- LD50 (oral, rat) >2000 mg/kg

Inhalation

- No information available but must be considered harmful

Contact with skin

- May cause irritation



11 Toxicological information (....)

Contact with eyes

- Causes redness and irritation

Ingestion

- No information available but must be considered harmful

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 (fish) >10 mg/l (96 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available
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13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Uncontaminated material may be returnable. Contact supplier
- 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 Transport information (....)

14.1 UN Number

14.2 UN Proper Shipping Name

Not hazardous

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

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:

Sea (IMDG)

Proper Shipping Name: Not hazardous

IMDG Hazard Class.:

IMDG UN No.:

IMDG Pack Group.:

Air (ICAO/IATA)

Proper Shipping Name: Not hazardous

ICAO Hazard Class.:

ICAO Un No.:

ICAO Packing Group.:

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

16 Other information

Text of R and S phrase codes used in this safety data sheet:- H412: Harmful to aquatic life with long lasting effects.; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.