

Spa Sparkle

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

1.1 Product Identifier Spa Sparkle

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

Uses: Clarifier for hot tub and spa water.

1.3 Details of the supplier of the safety data sheet

Company: Superior Wellness Ltd
Superior House
Broombank Park
Chesterfield
Derbyshire
S41 9RT

Telephone: 01246 559071

Fax: +44 (0) 8712 229083

E-mail: info@superiorwellness.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

The product is not classified according to the CLP regulations

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

This product does not need to be labelled in accordance with EC Regulations and Directives

Precautionary statements: P102 Keep out of reach of children
P103 Read label before use
P261 Avoid breathing mist
P280 Wear protective gloves and eye/face protection
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P302+352: IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower.

3. Composition/information on ingredients

3.2 Mixture

CAS No	EC No	%	Hazard Statements
POLYDIALLYLDIMETHYLAMMONIUM CHLORIDE			
26062-79-3		1-10%	Aquatic Chronic 3: H412
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES			
264-151-6	63449-41-2	<1%	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400

Contains: Mixture of listed substances with non hazardous additions.

4. First Aid measures

4.1 Description of first aid measures

Skin contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Eye contact: Remove contact lenses (when applicable) and flush eyes with water for 15 minutes. Call a physician
Ingestion: IF SWALLOWED: rinse mouth. DO NOT induce vomiting. Consult a physician if necessary.
Inhalation: If large amounts of fumes are inhaled, remove to fresh air and consult a physician

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: May be mildly irritating to eyes

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4. First Aid measures

4.2 Most important symptoms and effects, both acute and delayed

Ingestion: Not likely to be hazardous by ingestion
Inhalation: Not likely to be hazardous by inhalation.

4.3 Indication of immediate medical attention and special treatment needed

Treatment Eye bathing equipment should be available

5. Fire fighting measures

5.1 Extinguishing media:

Suitable media: Does not burn. Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

5.2 Special hazards arising from the substance or mixture

Specific Hazards : None Known

5.3 Advice for fire-fighters

Protective equipment: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

Further Information: No information available.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: See Section 8 (Personal Protective Equipment).

6.2 Environmental precautions

Environmental precautions: Material is 100% biodegradable and nontoxic.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Dilute with water and hose down.

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: General ventilation should be sufficient under normal conditions

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas: 10-50°C recommended (will freeze @ ~3°C). Shelf life is indefinite but viscosity will decrease over time.
Protection against fire: Non-flammable, no special fire protection required.
Incompatible materials: Strong oxidizing material and strong bases.

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7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities.

Further information: Store in cool, dry areas and away from incompatible substances
Common storage: The container should be kept covered to prevent contamination.

7.3 Specific end uses

Specific use(s) Natural Clarifier

8. Exposure control/personal protection

8.1 Control parameters

Workplace exposure limits: No data available
DNEL / PNEC. No data available

8.2 Exposure controls

Engineering measures General ventilation should be sufficient under normal conditions

Personal protective equipment

Respiratory protection Respirator use is not required for this product. If dust is generated, a dust mask may be needed.

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Wear safety glasses approved to standard EN 166. Provide eye station

Skin and body protection For operations where skin contact can occur, wear impervious clothing such as apron, boots, or whole bodysuit.

Environmental exposure controls

General advice: Always follow good hygiene/work practices by avoiding vapours or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Viscous liquid
Colour: Blue, green or amber
Odour: Pungent vinegar odour
pH: 3.0 - 4.5
Boiling point/boiling range: 211°F
Density @ 20°C: 1.0-1.1 g/mL
Water solubility: Soluble

9.2 Other Information

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications

10. Stability and reactivity

10.1 Reactivity

Reactivity

Stable under recommended transport or storage conditions

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10. Stability and reactivity

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions: Not available

10.4 Conditions to avoid

Conditions to avoid Freezing temperatures or excess heat (for quality purposes).

10.5 Incompatible materials

Materials to avoid Strong oxidizing material and strong bases.

10.6 Hazardous decomposition products

Haz. decomp. products: Decomposition will not occur.

11. Toxicological Information

11.1 Information on toxicological effects

Toxicity Values No information available

Primary Irritant effect:

On the skin: No data available

On the eyes: No data available

Sensitization: No data available

Carcinogenic No data available

Mutagenic No data available

12. Ecological Information

12.1 Etoxicity (in water)

Acute Toxicity			
Species	Test	Value	Units
Daphnia	LC50	1,369	mg / l
Daphnia	NOEC	1,000	mg / l
Fathead Minnows	LC50	642	mg / l
Fathead Minnows	NOEC	500	mg / l
Rainbow Trout	LC50	173	mg / l
Rainbow Trout	NOEC	125	mg / l
Chronic Toxicity			
Species	Test	Value	Units
Fathead Minnows	LC50	>1,000	mg / l
Fathead Minnows	LC25	932	mg / l
Rainbow Trout	LC50	154	mg / l
Rainbow Trout	LC25	121	mg / l

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential No data available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and PvB :

PBT and PvB : No data available

12.6 Other adverse effects

Other adverse effects No data available

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13. Disposal Considerations

13.1 Waste treatment methods

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste.. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from national regulations. Consult state and local regulations regarding the proper disposal of this material.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

14. Transport Information

Not classified as hazardous for transport

15. Regulatory information

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No1907/2006

15.2 Chemical Safety Assessment

No data available

16. Other information

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.

· Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS European Inventory of Existing Commercial Chemical Substances.
CAS: Chemicals Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

█ Indicates updated section.