

MATERIAL SAFETY DATA SHEET

Product Name: Sparkle Water Clarifier				
1. Chemical product and company identification				
Product name	Sparkle Water Clarifier			
Chemical name	Aliphatic Polyamine			
Product type and use	Swimming pools			
Company identification	Total Pool Chemicals Ltd			
Address and telephone number	Unit 1, Pool Bank Park High Street, Tarvin, Chester CH3 8JH			
Emergency telephone number	01829 740290			
2. Composition/Information on ingredients				
Chemical Name	CAS No	Content	Symbol	R-phrase(s)
Aliphatic Polyamine		50%	Xi	R36
3. Hazards identification				
Eyes	Irritating to eyes			
Skin Contact	<p>May cause slight skin irritation, especially with repeated Or prolonged exposure. The active component is non-Volatile, however the product may contain impurities which could cause irritation if inhaled over a long period of time.</p> <p>Low toxicity product.</p> <p>Not classified as hazardous by physical/chemical properties.</p> <p>Low acute LC50 to fish, but not expected to cause long-Term adverse effects to the aquatic environment.</p>			
4. First-aid measures				
Inhalation:	Move to fresh air. If affected person feels unwell, seek medical advice.			
Skin contact:	Remove contaminated clothing immediately. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.			
Eye contact:	Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention.			
Ingestion:	Do not induce vomiting. Give nothing by mouth in cases of unconsciousness or convulsion. Check for breathing and pulse, if present, place in the recovery position and obtain medical attention. If conscious rinse out the mouth with water. Give 1 pint (600 ml) of water to drink immediately and repeated drinks of water at a rate of a cupful (1/3 pint/200 ml) every 10 minutes. Call a physician immediately.			

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5. Fire-fighting measures	
<ul style="list-style-type: none"> - Suitable - Protective equipment 	Foam, dry powder, carbon dioxide (CO ₂), water spray As for all fires involving chemicals: chemical protection suit, suitable gloves, boots and self contained breathing apparatus.
6. Accidental release measure	
Personal precautions:	Use personal protective measures.
Environmental precautions:	Do not flush into surface water, sanitary sewer or ground water system.
Methods for cleaning up:	Soak up with inert absorbent material (eg sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.
7. Handling and Storage	
Handling	Do not eat, drink or smoke during use. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing immediately and launder before re-use.
Storage	Avoid extremes of temperature, especially frost and freezing conditions.
8. Exposure controls/Personal Protection	
Respiratory protection:	Breathing apparatus needed only when aerosol or mist is formed.
Hand protection:	Rubber or plastic gloves
Eye protection:	Goggles
Skin and body protection:	Lightweight protective clothing, rubber or plastic apron

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9.	Appearance	Liquid
	Colour	Amber
	Odour	Faint
	Melting/freezing temperature	Not applicable
	Boiling point/range	100°C
	Density	1.1 g/cm ³
	Flash point	not applicable
	Oxidising properties	not tested
	Density	1.1 g/cm ³
	Solubility in water	Miscible
10.	Stability and Reactivity	
	Conditions to avoid:	No special precautions other than good housekeeping of chemicals.
	Materials to avoid:	Reactive chemicals.
	Hazardous decomposition products	Combustion may result in the formation of oxides of carbon.
11.	Toxicological Information	
	Acute oral toxicity	>2000 mg/kg By analogy to similar products
	Acute dermal irritation/corrosion Rabbit	Not irritant
	Acute eye irritation/corrosion Rabbit	Irritant
12.	Ecological Information	
	Acute toxicity to fish Rainbow trout 96 h	LC50 < 1ppm
	Ecotoxicity Assessment	Studies have shown that the results of tests carried out in pure water overestimate the environmental impact of the product. In environmental conditions the cationic charge of the product becomes neutralised and the toxicity to fish is significantly reduced.

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13. Disposal Considerations	
Waste from residues/unused product	Local regulations must be observed.
Contaminated packaging	Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management scheme (recovery recycling, reuse) according to local legislation.
14. Transport Information	
Flash point	Not applicable
ADR/RID	Class: Free
IMO	Class: Free
ICAO	Class: Free
15. Regulatory Information	
Classification	Self-classification
Symbol(s)	Xi Irritant
R-Phrase(s)	R36 Irritating to eyes
S-Phrase(s)	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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.	