

Material Safety Data Sheet

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product name: Filter Cleaner
Product code: SP612
Use of substance / preparation: Chemical for cleaning filter cartridges.
Company name: swimmingpoolchemicals.co.uk
Unit 1 Pool Bank Business Park, High Street, Tarvin
Chester
Cheshire
CH3 8JH
United Kingdom
Tel: 01829 740290
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2. Hazards Identification

Main hazards: Irritating to eyes and skin.

3. Composition/Information on Ingredients

Hazardous ingredients: **ALKYL BENZYL AMMONIUM CHLORIDE 1-10%**
EINECS: 270-325-2 CAS: 68424-85-1 [Xn] R22; [C] R34
DISODIUM METASILICATE 1-10%
EINECS: 229-912-9 CAS: 6834-92-0 [C] R34; [Xi] R37
PRIMARY ALCOHOL ETHOXYLATE 1-10%
EINECS: -CAS: 68439-45-2 [Xn] R22; [Xi] R41

4. First Aid Measures (Symptoms)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be pain and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Advice relates to formation of a mist from a trigger spray or similar equipment.

4. First Aid Measures (Action)

Skin contact: Wash immediately with plenty of soap and water.
Eye Contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down.

5. Fire-Fighting Measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards:	In combustion emits toxic fumes. Water based product. Advice relates to dry residues after water has evaporated.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions:	Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. Handling & Storage

Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed.

8. Exposure Controls/Personal Protection

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand protection:	Protective gloves.
Eye protection:	Ensure eye bath is to hand. Safety glasses.
Skin protection:	Protective clothing.

9. Physical and Chemical Properties

State:	Liquid
Colour:	Colourless
Odour:	Barely perceptible odour
Evaporation rate:	Slow
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Highly soluble
Also soluble in:	Ethanol.
Viscosity:	Non-viscous
Boiling point/range°C:	100
Melting point/range°C:	0
Flammability limits %:	
lower:	n/a
upper:	n/a
Flash point°C:	n/a
Autoflammability°C:	n/a
Vapour pressure:	n/a
Relative density:	1,030
pH:	12.5-13.0
VOC g/l:	0

10. Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes.

11. Toxicological Information

Hazardous ingredients:	DISODIUM METASILICATE ORL MUS LD50 770 mg/kg ORL RAT LD50 1153 mg/kg PRIMARY ALCOHOL ETHOXYLATE IHL RAT LC50 >5 mg/l ORL RAT LD50 200-2000 mg/kg SKN RAT LD50 >2000 mg/kg
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological Information

Mobility:	Readily absorbed into soil. Volatile. Soluble in water.
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.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity.

13. Disposal Considerations

Disposal of packaging:	Dispose of as normal industrial waste. Clean with water.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information


ADR/RID

Shipping name: Not classed as hazardous or transport.

IMDG/IMO

IATA/ICAO

15. Regulatory Information

Hazard symbols:	Irritant. 
Risk phrases:	R36/38: Irritating to eyes and skin.
Safety phrases:	S2: Keep out of the reach of children. S23: Do not breathe spray. S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

Note:

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other Information

Other information:

IMPORTANT NOTE:

Risk phrases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 2 and 15 for the calculated hazard and risk phrases for the blended product. This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3:

R22: Harmful if swallowed.

R34: Causes burns.

R37: Irritating to respiratory system.

R41: Risk of serious damage to eyes.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. For professional and industrial use only.