



Purachem SSC30

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Purachem SSC30
Manufacturer / Supplier Hydra Technologies Ltd. (aka Hydratech)
Address Unit 5, Europa Way, Fforestfach, Swansea, SA5 4AJ
Telephone No. 01792 586800
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2. COMPOSITION / INFORMATION ON PRODUCT COMPONENTS

Hazardous Components for EC

COMPONENT NAME	CAS no	CONCENTRATION	R PHASES	CLASSIFICATION
Sodium Hydroxide	1310-73-2	I-10%	R35	//
Sodium Nitrite	7632-00-0	<1%	R8, R25, R50	

Contains nonionic surfactants, anionic low-foam surfactant, solvent and water softener

3. HAZARD IDENTIFICATION

Main Hazards Irritating to eyes and skin

4. FIRST AID MEASURES

Health effects - Eyes There may be irritation and redness. Bathe the eye with running water for 15 minutes.
Health effects - Skin There may be irritation and redness at the site of contact. Remove all contaminated cloths and footwear immediately unless stuck to skin. Drench the affected skin with running water for ten minutes.
Transfer to hospital if there are burns or symptoms of poisoning.
Health effects - Ingestion There may be shortness of breath due to congestion of the lungs. Nausea and stomach pain may occur. There may be vomiting. There may be loss of consciousness. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
First Aid - Inhalation Harmful fumes are not normally significant. Move the exposed person to fresh air at once.

5. FIRE FIGHTING MEASURES

Extinguishing Media Suitable extinguishing media for the surrounding fire should be used
Special Hazards of Product In combustion emits toxic fumes
Protective equipment for fire fighting. Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with eyes. Do not rub eyes with hands during cleanup. No special precautions for dermal Contact are needed. Wash hands thoroughly after cleaning up spill or leak
Spillage's Procedure to follow in case of spill or leak: Evacuate area. Identify source of leak or spill and contain with sand, earth or containment bin. Then proceed to clean up spill or leak.
Method for cleaning up: Recover all reusable material. Cover remaining spill with inert absorbent material to soak up spill. Dispose absorbent material as non-hazardous waste.
Rinse area with plenty of water and mop to sanitary sewer

7. HANDLING AND STORAGE

Handling Avoid direct contact with the substance

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye protection Wear chemical splash goggles or face shield when eye contact is possible due to splashing or spraying.
Skin protection Protective clothing with elasticated cuffs and closed neck
Respiratory protection Respiratory protection not required
The following general hygiene considerations are recognized as common good industrial hygiene practices: Avoid breathing vapour or mist, Avoid contact with eyes, Wash thoroughly after and before eating or drinking.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	yellow
Odour	Barely perceptible odour
pH	13 apprx
Density (g/cm ³)	1.05

10. STABILITY AND REACTIVITY

Stability	Stable
Materials to Avoid	None known
Hazardous Decomposition Products	In combustion emits toxic fumes

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients	Sodium Hydroxide IPR MUS LD50 40 mg/kg ORL RBT LDLO 500 mg/kg Sodium Nitrite ORL MUS LD50 175 mg/kg
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12. ECOLOGICAL INFORMATION

Persistence and degradability	Biodegradable
Bioaccumulative potential	No bioaccumulation potential
Other adverse effects	Harmful to fauna. Harmful to aquatic organisms.

13. DISPOSAL

Product Disposal	Dump according to local regulations
Container Disposal	Containers should be cleaned by appropriate methods and then re-used or disposed in same manner as contents.

14. TRANSPORT INFORMATION

IATA	Not classified as hazardous under transport regulations
IMO	Proper shipping name: Detergent solution
ADR/RID - Class	Not Regulated

15. REGULATORY INFORMATION

Hazard	Irritant
R Phases	R36/38 : Irritating to eyes and skin R25 Toxic if swallowed
S Phrases	S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. OTHER INFORMATION

MSDS first issued	19-Jun-09
MSDS data revised	11-Jun-10
Footnote	The above information is believed to be accurate. The sole purpose of the datasheet is to provide guidance on the safehandling and use of the respective product. It does not form part of any product specification or contract. It is not practical for the information to cover every conceivable application of the product. It is the responsibility of the user to evaluate the information for their own particular purpose. In no event shall the company beheld liable for any injury, loss or damage resulting from its use.