

# Material Safety Data Sheet

## Section 1 - Identification of the substance/preparation and company

Trade Name	Aquachem 126, Aquachem 126 -30%
Chemical Name/Synonyms -	Monopropylene Glycol, Propano1, 2, Diol, 30% Inhibited Propylene Glycol Solution
Formula	mixture
UNNO	Not regulated
Name of Company	Aqueous Logic
Address	248 Sutton Common Road Sutton, Surrey SM3 9PW
Telephone no.	(0208) 288-0128

## Section 2 - Composition/information on ingredients

Substance	% composition	risk phrases	CAS number
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## Section 3 - Hazards Identification

Hazards: none

Adverse effects	Skin	Liquid may irritate skin.
	Eyes	Spray and vapour in the eyes may cause irritation and smarting.
	Ingestion	May cause discomfort if swallowed.
	Inhalation	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

*As part of our commitment to Responsible Care, we recommend that all purchased chemical products should be only discharged in dilute form to drains that are connected to the sanitary sewer to insure minimal environmental impact.*

## Section 4 - First Aid measures

Skin	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eyes	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

### Section 5 - Fire-fighting measures

N.B. Product is non-flammable.

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Special protective equipment	Self contained breathing apparatus and full protective clothing must be worn in case of fire.
Special exposure hazards	Decomposes to oxides of carbon in a fire after evaporation of water has taken place.

### Section 6 - Accidental release measures

For large spills Dike and contain. Place in non-leaking containers for disposal.

For small spills Soak or mop up.

As part of our commitment to Responsible Care, we recommend that all purchased chemical products should be only discharged in dilute form to drains that are connected to the sanitary sewer to insure minimal environmental impact. All the ingredients within this product can be degraded/ safely absorbed by the environment

### Section 7 - Handling and storage

Handling: Wear protective clothing

Storage Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

*We recommend that when handling all chemicals, the minimum precautions are the wearing of gloves and goggles. Efforts to minimize contact with chemicals should always be made.*

### Section 8 - Exposure controls/personal protection

Protective measures -	Respiratory protection	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
	Hand protection	Gloves
	Eye protection	goggles
	Skin protection	Wear appropriate clothing to prevent any possibility of skin contact.

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Section 9 - Physical and chemical properties

Appearance Clear blue liquid  
Odour None  
pH 7-8  
Boiling point not determined  
Melting point not determined  
Flammability LOWER(%) 2.6 FLAMMABILITY LIMIT - UPPER(%) 12.5  
Specific gravity 1.005 at 22°C  
Solubility in water completely soluble

### Section 10 - Stability and reactivity

Stability stable  
Conditions to avoid Avoid excessive heat for prolonged periods of time.  
Materials to avoid Strong oxidising substances.  
Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### Section 11 - Toxicological information

TOXIC DOSE 1 - LD 50 21000 - 34000 mg/kg (oral rat)

### Section 12 - Ecological information

Not regarded as dangerous for the environment.  
LC 50, 96 Hrs, FISH mg/l 4600 - 54600  
EC 50, 48 Hrs, DAPHNIA, mg/l 4850 - 34400  
MOBILITY  
The product is miscible with water. May spread in water systems.  
DEGRADABILITY  
The product is easily biodegradable.  
Do not discharge onto the ground or into water courses.

### Section 13 - Disposal considerations

Large amounts should be given to licensed disposal agency.  
GENERAL INFORMATION  
Do not puncture or incinerate even when empty.  
DISPOSAL METHODS  
Dispose of waste and residues in accordance with local authority requirements.

### Section 14 - Transport information

ROAD TRANSPORT NOTES Not Classified  
RAIL TRANSPORT NOTES Not Classified.  
SEA TRANSPORT NOTES Not Classified.  
AIR TRANSPORT NOTES Not Classified.

Section 15 - Regulatory information

Not classified. Not regulated

Section 16 - Other information

Keep container tightly closed when not in use  
KEEP OUT OF THE REACH OF CHILDREN

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under recommended conditions of use. Any use of this product or method of application which is not described in the Product Data Sheet or on the Product Label is the responsibility of the user.