

Date: 9 January 2009

## Material Safety Data sheet

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

**Trade Name:** Aquachem 129  
**Chemical Name/Synonyms:** Central Heating Inhibitor, Formula 11  
**Formula:** Mixture  
**UNNO:** none  
**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
Sodium Molybdate			10102-40-6

### Section 3 - Hazards Identification

**Hazards:** R36/38 Irritating to eyes and skin

*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.*

Adverse effects	Ingestion	May cause irritation and nausea.
	Inhalation	May cause irritation.
	Skin	May cause local irritation on prolonged contact.
	Eyes	May cause irritation.

### Section 4 - First Aid measures

**Ingestion:** Give 2-3 glasses of water and seek medical attention.  
**Inhalation:** Remove to fresh air. Large amounts treat as ingestion. Consider seeking medical attention.  
**Skin:** Wash with soap and water.  
**Eyes:** Immediately flush with water. See doctor if necessary.

**Section 5 - Fire-fighting measures**

N.B. Product is non-flammable

**Suitable extinguishing media:** Water, carbon dioxide, alcohol foam, dry chemical.  
**Special protective equipment:** Self contained breathing apparatus.

**Section 6 - Accidental release measures**

**For large spills:** Dike and contain. Place in non-leaking containers for disposal. Avoid direct discharge into drains.  
**For small spills (less than 1 litre):** Soak or mop up. May be flushed into sanitary sewer.

**Section 7 - Handling and storage**

**Handling:** Avoid contact with skin and eyes. Do not ingest.  
**Storage:** Avoid excessive heat.

**Section 8 - Exposure controls/personal protection**

<b>Protective measures:</b>	<b>Respiratory protection</b>	optional
	<b>Hand protection</b>	gloves
	<b>Eye protection</b>	goggles
	<b>Skin protection</b>	none

*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 done.*

**Section 9 - physical and chemical properties**

**Appearance:** clear slightly yellowish liquid with floating oil like blobs on surface. White emulsion on shaking.  
**Odour:** slight  
**pH:** 7 to 7.6  
**pH at 1 %:** 7 to 7.6  
**Melting point:** not determined  
**Flammability:** non-flammable  
**Specific gravity:** 1.0 to 1.3  
**Solubility in water:** complete

**Section 10 - Stability and reactivity**

**Stability:** stable  
**Conditions to avoid:** none known  
**Materials to avoid:** not determined but under use conditions, no problems are foreseen.  
**Hazardous decomposition products:** None are foreseen but on burning: carbon oxides

**Section 11 - Toxicological information**

May cause irritation if in contact with skin or eyes. Ingestion of large amounts may cause irritation and nausea. Inhalation of large amounts of mist may cause the same effects as ingestion.

**Section 12 - Ecological information**

This product should not be directly discharged to the environment. Directly adding product to open watercourses or bodies may cause environmental damage. As with all purchased chemical products, discharge dilute product solutions only the sanitary sewer that connects to the sewage treatment plant to insure the minimal environmental impact.

**Section 13 - Disposal considerations**

Large amounts should be given to licensed disposal agency.

**Section 14 - Transport information**

Not regulated

**Section 15 - Regulatory information**

R36/38 Irritating to eyes and skin

**Section 16 - Other information**

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.