

Date: March 2006

Material Safety Data sheet

Section 1 - Identification of the substance/preparation and company

Trade Name: Rapid Dose Central Heating Protector – 400ml
Chemical Name/Synonyms: AI-95
Formula: Mixture
UNNO: 1950 Aerosol, class 2.1

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
Borax			103-96-4

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

Protective measures:	Respiratory protection	optional
	Hand protection	gloves
	Eye protection	goggles
	Skin protection	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, yellow liquid
Odour:	slight
pH:	7 to 9
pH at 1 %:	7 to 8.4
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: All aerosol cans should be stored below 50°C.
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

UNNO: 1950 Aerosols, Class 2.2 – Non-Hazardous, Non-Flammable

Section 15 - Regulatory information

R36/38 Irritating to eyes and skin

Section 16 - Other information

KEEP OUT OF THE REACH OF CHILDREN. Pressurised aerosol container. Store below 50⁰C.

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.