



STATEMENT OF HAZARDOUS NATURE

Hazardous According to Criteria of Work safe Australia

IDENTIFICATION

Product Name:	Liquid Intelligents 240 Radiator Flush.
Chemical Name:	Radiator Flush.
Other Names:	Not Applicable
Manufacturer's Product Code:	240.
UN Number:	2967.
Dangerous Goods Class	8
Subsidiary Risk[s]:	No Data.
Hazchem Code:	2P.
EPG NO:	8A2.
Poisons Schedule Number:	S6(FED)
Uses:	Radiator Flush.

PHYSICAL DESCRIPTION AND PROPERTIES

Colour:	Yellow liquid.
Appearance	Mobile Liquid with Acrid Smell
Form:	Liquid
Boiling Point:	120°C..
Melting Point:	-5 °C
Vapour Pressure:	<0.001mm Hg (1 Atm) @ 20°C
Specific Gravity:	(Water=1) @ room temperature, approx 1.4
Volatiles:	No Data.
Evaporation Rate:	As Water
Odour:	Acrid
Solubility in Water:	(by weight %) 100% @ 25 °C,

FLASH POINT

Solvent:	Not applicable.
Flammability Limits:	Non-Flammable
Auto ignition Temperature:	Non-Flammable

OTHER PROPERTIES

Soluble in water in all proportions, may react violently or explosively with water if water is added to 220, never dilute 220 with water, always add 220 to water).?

INGREDIENTS

Chemical Name	CAS Number	Proportion
Sulphuric acid	5329-14-6	>10%
Water		<70
Proprietary solvents and		

MATERIAL SAFETY DATA SHEET

Surfactants

None allocated

<20%

HEALTH HAZARD INFORMATION**HEALTH EFFECTS:****Acute:**

Swallowed: Harmful if swallowed. Will cause damage to the mucous membranes May cause severe burns to the mouth, throat and stomach. Ingestion can cause nausea and vomiting. Ingestion can result in abdominal pain.

Skin: Irritating to skin.

Eyes: Irritating to eyes.

Inhaled: Harmful by inhalation. Possible harmful corrosive effects. High concentrations of vapour can cause severe irritation of the respiratory.

Chronic:

LC 50: No Data

LD 50: 140 mg/kg

FIRST AID:

Swallowed: Keep out of reach of children.

Rinse mouth thoroughly with water immediately. Give water to drink. **DO NOT INDUCE VOMITING.** Seek immediate medical assistance. Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

Skin: After contact with skin, wash immediately with plenty of Water

Eyes: In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre.

Inhaled: Remove victim from exposure-avoid becoming causality. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek medical attention.

FIRST AID FACILITIES:**ADVICE TO PHYSICIANS:**

Consult Poisons Information Centre. Treat symptomatically as for acids.

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PRECAUTIONS FOR USE:

Exposure Standards:	TLV/TWA: 1 mg/m ³ , STEL: 3 mg/m ³ Work safe Australia
Engineering Controls:	Maintain concentration below recommended Exposure limit. Use with local exhaust ventilation or: Combination particulate/gas respirator, Class 8, (Inorganic Vapour). Self-contained breathing apparatus may be needed for prolonged periods of exposure.
Personal Protection:	The following personal protective equipment must be worn. - Overalls or similar protective apparel. Safety glasses, goggles or face shield as appropriate.
Personal Protection:	Rubber boots. Elbow-length PVC gloves. Splash apron. Wash contaminated clothing and protective equipment before storing/re using. Avoid all contact.
Flammability:	The product is considered non-combustible.

SAFE HANDLING INFORMATION

Storage and Transport:	Store in well ventilated area. Store in a cool, dry place. Keep dry-reacts with water; may lead to drum rupture. Keep container well sealed.
Storage Temperature:	Cool place
UN Class:	8
Packaging Group:	III
UN Number:	2967 (Air freight)
UN Number	IMDG 8183 (Sea Freight)
EPG Number:	8A2
Correct Shipping Name:	Sulphuric Acid.
Spills and Disposals:	Prevent run off into drains and waterways. For large spills, notify Emergency Services.
Fire/Explosion Hazard:	Decomposes on heating emitting toxic fumes Oxides of sulphur. Reacts violently with water.
Decomposition Products:	Oxides of Sulphur
Hazchem Code:	2P

MATERIAL SAFETY DATA SHEET

Extinguishant: In case of fire, use extinguisher appropriate for burning material. Water used on adjacent fires must be carefully handled if acid has spilt.

DANGER OF VIOLENT REACTION OR EXPLOSION: No

Decomposes on heating emitting toxic fumes Oxides of sulphur. Reacts upon contact with water.

Protective Clothing; For larger spills Fire fighters should wear full protective clothing including self contained breathing apparatus.

Appropriate Measures: No Data.

Evacuate: No Data.

OTHER INFORMATION:

240 Can cause burns of skin on short contact and is injurious to the eyes.

ENVIRONMENTAL COMMENTS:

Mobility This material is volatile and water-soluble. It may contaminate water, soils or sediments.

Degradability Once this product has reacted it is expected to readily biodegrade.

Accumulation This product is not expected to bioaccumulate

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