

MOMAR

AUSTRALIA PTY LTD

A.C.N. 003 149 111

Quality
thru
Research

Material Safety Data Sheet

QUICK IDENTIFIER (In Plant Common Name)

MOFLO

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U.N. Number: 1830
Hazchem: 2P
Poisons Schedule No. S6

Class: 8 Corrosive
Packaging Group: 2
EPG: 8A2

Hazardous according to the criteria of Worksafe Australia

SECTION 1 - IDENTITY

Common Name: (used on label) MOFLO

Chemical Name: Not applicable **Chemical Family:** Sulphuric Acid / Solvent

Formula: Liquid mixture-sulphuric acid drain cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s)	CAS No.	% by Weight	Threshold limit value (units)
Sulphuric Acid	7664-93-9	90	(ACGIH-TWA)1mg/m3

(LD50 oral rats = 2140 mg/kg, LD50 dermal rats = not established LD 50 inhalation rats = 18 mg/m3)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: 2120F **Specific Gravity:** (H₂O=1)1.835 **Vapor Pressure:** (mm Hg) 0.0038

Percent Volatile

By Volume (%): 0 **Vapor Density (Air = 1)** 3.38 **Evaporation Rate:** Not Applicable

Solubility **Reactivity**
in Water : Complete **in Water** : EXOTHERMIC

Appearance

and Odour : Black viscous liquid with no odour

Flash point: **Flammable Limits Lower Upper** **Extingisher** **Auto-Ignition**
Non Flammable In Air by Volume N/A N/A Media: N/A Temperature : N/A

Special Fire Fighting Procedures: Product may cause ignition by contact with combustion liquids and solids

Unusual Fire and Explosion Hazards: Product will not burn but can start fires with organic materials, nitrates, carbides, chlorates and metallic powders. Also, hydrogen gas can accumulate in container and care must be taken not to ignite.

SECTION 4 - PHYSICAL HAZARDS

Stability **Unstable** **Conditions:** May cause ignition by contact with combustible
 Stable **to Avoid** liquids and solids.

Incompatibility: Organic materials, inorganic reducing agents, carbides and metallic powders.
(Materials to avoid) Exothermic reaction with water.

Hazardous

Decomposition Products : Sulphuric acid mist, SO₃, SO₂. Hydrogen can be reaction product.

Hazardous

Conditions

Polymerization: Will Not Occur

to Avoid: None known

SECTION 5 - HEALTH HAZARDS

Threshold

Limit Value : 1mg/m³

Signs & Symptoms of Exposure

1. **Acute Overexposure :** Rapid destruction of tissue occurs on contact. External burns may cause changes in blood Pressure and pulse. Nausea and choking may occur if swallowed.

2. **Chronic Overexposure:** Prolonged or repeated inhalation of fumes may cause chronic coughing or gastro Intestinal disturbance.

3. **Medical Conditions Generally Aggravated by Exposure:** Not Known

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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OSHA Permissible

ACGIH Threshold

Other Exposure

Exposure Limit: 1mg/m³

Limit Value: 1mg/m³

Limit Used: None

EMERGENCY AND FIRST AID PROCEDURES

1. **Inhalation:** Remove from over exposure to fresh air. If breathing is difficult or discomfort occurs, Obtain medical attention.

2. **Eyes:** Flush immediately with large amounts of water for at least 15 minutes.
If irritation persists, get medical attention.

3. **Skin:** Wash with soap and water. Wash contaminated clothing and boots before re-use.
If irritation persists, get medical attention.

4. **Ingestion:** Drink 1-2 glasses of water, milk or beaten egg to dilute. DO NOT induce vomiting as additional esophageal Damage may occur. Induce gastric lavage by physician. Treat symptomatically.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection

(Specify Type): NOT REQUIRED

Ventilation

Local

Mechanical

Special:

Other:

Exhaust: Adequate

(General) : None

None

None

Protective

Eye

Gloves: Neoprene

Protection : Goggles or Face Shield

Other Protective

Clothing or Equipment : Rubber suits and boots as needed

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken

in Handling and Storage : Store in adequately vented area.

Other Precautions: Always add MOFLO to water – NEVER add water to MOFLO

Do not allow water to contaminate the container.

Steps to be taken in case

material is Released or Spilled : In case of spillage, neutralise with sodium bicarbonate or sodium carbonate.

Absorb on mineral clay absorbent material.

Waste Disposal Methods : Dispose of in accordance with Federal, State and local regulations.
