

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Drain Clear
Supplier: Chemical Solutions
42 Kennel Lane
Fetcham
Surrey KT22 9PJ
0870 2408893

2 INFORMATION ON INGREDIENTS

Product Description :	Sulphuric Acid 96%			
Material or Component	CAS No	% Range	Symbol	Risk Phrases
Sulphuric Acid	7664-93-9	>51%	C	35

3 HAZARDS IDENTIFICATION

Corrosive R 35 Causes severe burns

4 FIRST AID MEASURES

Eyes: Immediately flood with copious amounts of clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.

Skin: Immediately wash with water and remove contaminated clothing. Continue washing with soap and water.

Ingestion: Wash out mouth with water, then give plenty of milk or water to drink and obtain urgent medical attention showing the label. Do not induce vomiting.

Inhalation: Remove patient from exposure. If there is respiratory distress, give oxygen. Obtain medical attention if symptoms persist.

5 FIRE FIGHTING MEASURES

Product is non flammable

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear full protective clothing and eye/ face protection.

Environmental Precautions: Wash spillage area with plenty of water. Flush washings to a sewage treatment system. Spillage's or uncontrolled discharges into watercourses must be alerted to National Rivers Authority.

Spillage's: Absorb with sand, earth or neutralise carefully with sodium carbonate as heat may be evolved. Transfer to a container for disposal in accordance with local regulations.

7 HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Wear gloves and eye/ face protection when pouring.

Storage: Store in a cool place in the original container. Keep tightly closed. Keep away from hypochlorite and other oxidising agents.
Do not mix with other chemicals. Never add water to acid. Do not stand over drain when pouring this material. Do not use on aluminium or galvanised metals.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Respiratory Protection: Only necessary when dealing with major spills or where ventilation is poor.

Hand Protection: Rubber gloves.

Eye Protection: Eye protection recommended

Skin Protection: Protective clothing is recommended.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour:	Red coloured liquid
Odour:	Characteristic
pH Value:	0
Boiling Range (oC):	102
Melting Point (oC)	N/A
Flash Point (oC):	N/A
Auto Ignition Temp. (oC):	N/A

Explosive Limits in Air: N/A
Vapour Pressure @20oC: No Data
Relative Density @20oC: 1.9-1.95
Water Solubility: Soluble

10 STABILITY AND REACTIVITY

Conditions to Avoid: Storage above 40 Deg C
Materials to Avoid: Oxidising agents, bleaches and other chemicals
Hazardous Decomposition: Chlorine will be evolved if mixed with bleach

11 TOXICOLOGICAL INFORMATION

Eye Contact: Severe burns and tissue destruction. Can lead to prolonged or permanent eye damage.
Skin Contact: Severe burns and tissue destruction
Ingestion: Severe corrosion of mouth, throat, oesophagus and stomach.
Inhalation: Severe Irritation to nose, throat and upper respiratory tract if exposure limits are exceeded.

12 ECOLOGICAL INFORMATION

Biodegradability: Neutralised slowly by natural alkalinity, ammonia and organic matter slowly reducing the damage caused by low pH.
Mobility: Soluble in water, but may layer out.
Bio accumulative potential: Will not bio accumulate.
Environment Effects: Dangerous to aquatic organisms; causes damage to crops and vegetation.
Aquatic Toxicity: TLM Bluegill sunfish, 24Hr, Fresh water – 24.5 mg/l
TLM Bluegill sunfish, 48Hr, Tap water – 49 mg/l
(TLM – Medium Tolerance Limit. Concentration giving 50% survival)

13 DISPOSAL CONSIDERATIONS

Product: Pour into a large amount of water and dispose to drain
Packages: Wash out containers with water, running the washings to sewage treatment system. DISPOSE OF EMPTY CONTAINERS ACCORDING TO LOCAL REGULATIONS.

14 TRANSPORT INFORMATION

Classification for Transport: Corrosive
UN Number: 1830
UN Proper Shipping Name: Sulphuric Acid
ADR/RID Class: 8
ADR/RID Item No: 8.50(b)
IMDG Page: 8230
IMDG Class: 8

15 REGULATORY INFORMATION

EEC Classification: Corrosive C
Risk Phrases: R35 Corrosive to eyes and skin. Causes severe burns.
Safety Phrases:
S2 Keep out of reach of children.
S24/25, Avoid contact with eyes and skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice.
S28 After contact with skin, wash immediately with plenty of water.
S37 Wear suitable gloves.
S46 If swallowed, wash out mouth, then drink plenty of milk or water and seek medical attention immediately showing the bottle or label.
S50 Do not mix with other chemicals especially chlorine releasing bleaches, as toxic gas will be evolved.

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC
Conforms to CHIP 3 (2002)
Revision date: February 2004