

MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Worksafe Australia.

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MinehanmsdsDrainoflush.1

Manufacturer - Minehan Agencies Pty Ltd ABN 21 010 895 100.
Address - 29 Camuglia Street Garbutt Townsville 4814 Queensland Australia
Mobile 0408 777 800 Phone 07 4774 4626 Fax 07 4774 4616
Email: inquiry@minehanagencies.com.au
EMERGENCY PHONE: Poisons Information Centre 13 1126.

IDENTIFICATION

Product Name: MINEHAN DRAIN-O-FLUSH.

UNNO 1830 HAZCHEM CODE 2 P Class 8 P.G. II Subrisk none allocated.

Poisons Schedule Number S 6

Use: By professional plumbers, to assist in the opening of clogged drains due to sludge and other organic matter.

Methods of application:

DRAIN-O-FLUSH is applied to the drain directly from the container.

Physical description and properties

Appearance: Clear, dense, viscous liquid with characteristic acidic odour.

Boiling Point: 329 °C @ 760 mm.

Vapour pressure: 0.0 mm Hg @ 20°C

Specific Gravity: 1.83 to 1.85 @ 25°C.

Flash Point: not applicable.

Flammability Limits not applicable

Solubility in water:

Caution: solutions in water can become violent to boiling with hot scalding and corrosive vapours.

Other Properties

Evaporation rate (n-Butyl Acetate =1) not applicable

Vapour Density: (Air=1) heavier than air.

INGREDIENTS

Chemical name	CAS Number	Proportion
SULPHURIC ACID	7664-93-9	>90%

All "other ingredients" determined not to be hazardous including water.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

CORROSIVE

Risk: Causes severe burns.

Safety: Keep locked up and out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Never add water to this product. In case of accident, or if you feel unwell, seek medical advice immediately (show the label or this MSDS if possible).

Acute:

Swallowed: Burns mucous membranes of throat and digestive tract.

Eye: Capable of causing damage to cornea.

Skin: Causes severe burns..

Inhaled: Causes burns to mucous membranes of nose.

Chronic: Chemical burns may result, and lead to contact dermatitis if repeated.

First aid:

Avoid becoming a victim by using appropriate protective gear when handling patient. For advice, contact a Poisons Information centre (Phone 131 126) or a doctor at once.

Swallowed: If swallowed, do NOT induce vomiting.

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information centre or a doctor, or for at least 15 minutes.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin with and hair with running water.

Inhaled: Remove to fresh air. Ensure that you do not become a victim by rinsing skin with plenty of water. Apply artificial respiration if not breathing. Get to doctor or hospital quickly.

Advice to Doctor:

Product is corrosive to living tissue. Suggest intubation BEFORE any emesis due to corrosive nature. Irrigate with water to dilute. Suggest contact with manufacturer or Poisons Information Centre Phone 13 1126.

PRECAUTIONS FOR USE

Exposure Standards: TWA 1 mg/cubic metre.

Engineering Controls: Ensure concentration in air is below TWA.

Personal protection: Eye protection by safety goggles, plastic gloves and boots.

Flammability: Neither a flammable nor a combustible liquid. In case of fire do not breathe the fumes. Fire fighters should wear full protective gear including self contained breathing apparatus.

SAFE HANDLING INFORMATION

Storage and Transport: A dangerous good for transport or storage. Product must be included on Dangerous goods manifests taking into account incompatibilities.

Spills and Disposal: Rapidly contain spills using diatomaceous earth or similar inorganic absorbents. Do NOT use sawdust or other organic absorbents. Wear protective gear including goggles, gloves boots and apron. Scoop to container and seal well for transport to disposal. Consult Local Authority before disposal. .

Fire/Explosion Hazard: The product is a corrosive liquid Class 8. Products of combustion include oxides of sulphur. Product can produce flammable gas hydrogen in contact with Zinc, Iron, Aluminium, Magnesium and Tin. It releases poisonous chlorine from hypo chlorites. It reacts with most organic compounds.

Fire fighters should wear full protective gear including self contained breathing apparatus. Extinguishing media: CO₂, dry powder. **Do NOT add water to the product.** Water may produce acid steams which can scald and are corrosive to human tissue, most metals and vegetation. Use water fog or spray to keep containers cool in large fires.
HAZCHEM CODE – 2 P.

OTHER INFORMATION

Animal toxicity: The product is corrosive to all living tissue.

Ecotoxicity: Keep from ecosystems.

Biodegradability: The product is not biodegradable in natural systems.

Persistence in soil or water: The product is persistent in natural systems.

CONTACT POINT

Minehan Agencies Pty Ltd

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Emergency 0408 777 800 Phone 07 4774 4626 Fax 07 4774 4616

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Disclaimer

Each user must read this MSDS and consider the information in the context of the use to which the product will be handled or used in any workplace. Users should also consider effects due to other products, which may be in use in the same area at the same time. Appropriate risk assessments should be carried out BEFORE use of products. All labels should be read BEFORE use of the product.

This MSDS prepared by T. Murfin 5th February 2002

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Signed.

T. Murfin (DIC) (QIT).

