



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Liquid Hammer
Synonyms: Heavy Duty Concrete and Cement Remover

Use: Cleaning machinery, trucks, and vehicles.

Suppliers: Liquid Hammer Pty Ltd **ACN:** 006 797 262
Street Address: 148 Sussex Street, Pascoe Vale, Victoria, 3044
Telephone: (03) 9357 4539 **Fax:** (03) 9357 3766

Emergency Telephone: Leonard Samuel (03) 9357 4539 (BH) **(AH) 0412 323 206**

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC.

Hazard Category: None allocated
Hazard Classification: NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS
Risk Phrases: None allocated
Safety Phrases: None allocated
Poison Schedule (Aus) 5

3. COMPOSITION / INFORMATION ON INGREDIENTS

** The specific chemical identity is withheld as a trade secret.

4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT: Flush area with water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. If irritation persists, get immediate medical attention.

INHALATION: Move away from vapours to fresh air source. Rest until normal breathing is restored. If irritation persists, get immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING. Give large quantities of water. Seek immediate medical attention.
**notes to doctor: Treat symptomatically

5. FIRE FIGHTING MEASURES

Specific Hazards: Non combustible material
Fire-Fighting Advice: No particular fire or explosion hazard
Suitable Extinguishing Media: All extinguishing agents can be used: (water, dry chemical, carbon dioxide, foam & sand)



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Hazchem Code: None Allocated
Flammability: This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Minor spills should be contained and mopped up quickly to prevent an accident. Will make concrete surfaces slippery. For large spills, contain using sand or soil. Absorb using sand, soil, vermiculite or some other inert material. Neutralise spills with lime or soda ash. Flush spills with plenty of water.

Prevent product from entering sewers, storm drains, surface waters and soil where possible, where low pH may affect the local environment. Will not unfavourably affect water run off recirculated into concrete batching plants.

Collect and seal in properly labeled containers for disposal. Refer to State Land Waste Authority for disposal. Flush area with water.

7. HANDLING AND STORAGE

Handling Advice: Not classified as a Dangerous substance for the purpose of transport, storage or handling. No special requirements.

Storage Advice: Keep dry and avoid spillage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: None assigned for this product.

Engineering Controls: Provide adequate ventilation when using or handling this product.

Personal Protection Equipment: Wear protective clothing, gloves and an eye shield.

Respiratory: Use with adequate ventilation. Ventilate as needed to comply with exposure limit.

Eyes: Use splash proof chemical goggles or face shield where eye contact may occur.

Skin: Use impervious rubber gloves if prolonged or repeated skin contact cannot be avoided. Wash skin thoroughly after contact.

Work/Hygiene Practices: Rinse skin with soap and water after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless liquid with faint glycol odour.

Odour: Mild (like burnt sugar)

Flammability Limits: Non Flammable

Boiling Point: 100 C

pH: 2.5-2.8

Solubility in Water: Miscible

Vapour Pressure: Vapour is water

Appearance: Clear Liquid

Flash Point: Non flammable

Melting Point: Not known

Density: 1.05 tons per m³

Evaporation Rate: Vapour is water

Vapour Density: Vapour is water

Corrosiveness: Non Corrosive.



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10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this material safety data sheet and label. Symptoms and effects that may arise if the product is mishandled and over exposure occurs are:

Acute Health Effects:

Eye Contact: May cause irritation or may burn eyes.

Skin Contact: Irritant to the skin on prolonged contact. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. The use of gloves is strongly recommended.

Inhalation: Inhalation of vapours may cause coughing, difficulty in breathing.

Ingestion: May cause irritation of the gastrointestinal tract with abdominal pain, nausea, vomiting and diarrhoea.

Carcinogenic: None of the components of this product are listed as carcinogenic by NOHSC, ASCC, IARC, NTP or OSHA

Medical Conditions Aggravated by Exposure: May cause dryness to skin. Prolonged exposure may cause skin burn and ulceration.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. Any spills into waterways can be neutralized by alkaline substances.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: Liquid Hammer

Dangerous Goods Class: None allocated

Subsidiary Risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated



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Road and Rail Transport: Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.

15. REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of NOHSC.

Poisons Schedule: 5

16. OTHER INFORMATION

The information and recommendations contained herein are, to the best of Liquid Hammer Pty Ltd's belief, accurate and reliable as of the date issued. This MSDS is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to date. Please ensure that you are using the latest issue.

All information contained in this Material Safety Data Sheet is as accurate and up to date as possible. Liquid Hammer Pty Ltd does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof.

Since Liquid Hammer Pty Ltd can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

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