



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LIQUID HAMMER AEROSOL

Synonyms: Heavy Duty Concrete and Cement Remover

Use: Cleaning machinery, trucks, vehicles

Supplier: LIQUID HAMMER PTY LTD

ACN: 006 797 262

Street Address: 7 Bancell St Campbellfield VIC 3061

Telephone Number: (03) 9357 4539

Facsimile: (03) 9357 3766

Emergency Telephone: Leonard Samuel (03) 9357 4539 (Business Hours) 0412 323 206 (After Hours)

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC.

Hazard Classification: DANGEROUS GOODS. NON-HAZARDOUS SUBSTANCE.

Risk Phrases: Heating may cause explosion

Safety Phrases: Keep away from heat

Poison Schedule (Australia): 5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion
Butane	106-97-8	2.95%
Propane	74-98-6	2.05%
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, get 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. Get immediate medical assistance.

Notes to Doctor: Treat symptomatically.



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5. FIRE FIGHTING MEASURES

Flash Point: NOT DETERMINED

LEL: 1.8 %

Extinguishing media: alcohol foam, co2, dry chemical, foam or water fog

Unusual fire and explosion hazards: vapors of this product may develop a flammable atmosphere in confined areas.

Hazardous combustion products: burning can produce carbon monoxide and/or carbon dioxide and traces of phosgene gas

Fire fighting: water may be used cool closed containers to prevent pressure build up and possible autoignition or explosion when exposed to extreme heat

Special equipment required: wear a full face positive pressure self contained breathing apparatus (scba) when fighting fire

Hazchem Code: Class 2.2

Autoignition: NOT DETERMINED

UEL: 9.5 %

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. Neutralize 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 affect unfavourably affect water run-off recirculated into concrete batching plants.

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

7. HANDLING AND STORAGE

Handling advice: Keep containers tightly closed. Isolate from heat, sparks and open flames.

Closed containers may explode when exposed to extreme heat.

Storage advice: Do not store in direct sunlight, near open flames/sparks or a temperatures over 42C.

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/HYGENIC PRACTICES: Rinse skin with soap and water after contact.



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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	AEROSOL SPRAY	FLASH POINT:	Non Flammable
ODOUR:	FRAGRANCE	MELTING POINT:	Not Known
FLAMMABILITY LIMITS:	Non Flammable	DENSITY:	Not determined
BOILING POINT:	Not determined	EVAPORATION RATE:	Is slower than Ether
pH:	2.5-2.8	VAPOR DENSITY:	Vapor is water
SOLUBILITY IN WATER:	Miscible	CORROSIVENESS:	Non corrosive
VAPOR PRESSURE:	Vapor is water		
APPEARANCE:	Clear Liquid		

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature. Keep away from heat, sparks and open flames.

Incompatibles: Avoid contact with strong oxidizing agents, strong alkalies, strong mineral acids and chlorinated solvents.

Hazardous Decomposition: Burning can produce carbon monoxide and/or carbon dioxide and phosgene gas.

Hazardous polymerization will not occur.

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 manhandled and overexposure 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 AGRAVATED BY EXPOSURE:	May cause dryness to skin. Prolonged exposure may cause skin burn and ulceration.



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12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Empty aerosol containers may be disposed of through normal channels. Full or partially full containers are considered hazardous waste and must be disposed of accordingly.

14. TRANSPORT INFORMATION

UN Number:	UN 1950
Proper Shipping Name:	LIQUID HAMMER AEROSOL
Dangerous Goods Class:	2.2 / AEROSOL NON- FLAMMABLE
Subsidiary risk:	None allocated
Packing Group:	None allocated
Hazchem Code:	None allocated

Road and Rail Transport: Quote above UN and Class Code when shipping by road or rail transport.

15. REGULATORY INFORMATION

Classification: Based on available information, the proprietary ingredients 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 M.S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

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