



TASMAN CHEMICALS

"Tasman trusted products"

MATERIAL SAFETY DATA SHEET

LINK

SECTION 1 – IDENTIFICATION

Product Name **LINK**

Recommended Use **LIQUID HERBICIDE ADJUVANT**

Supplier TASMAN CHEMICALS PTY LTD
ACN : 005 072 659
Street Address 1-7 Bell Grove, Braeside ,
Victoria 3195 AUSTRALIA

Telephone Number (03) 9587 6777
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Email taschem@taschem.com.au
Website www.tasmanchemicals.com.au

Emergency Telephone Number 1 800 334 556

SECTION 2 – HAZARDS IDENTIFICATION

Hazardous according to criteria of Safe Work Australia.

Hazard Category : X_i (Irritant)

Risk Phrases

R22 Harmful if swallowed
R36/38 Irritating to skin and eyes
R37 Irritating to respiratory system

Safety Phrases

S2 Keep out of reach of children
S13 Keep away from food, drink and animal foodstuffs
S23 Do not breathe vapour
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

Link is not classified as a **Dangerous Good** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Proportion (%m/m)</u>
Water	7732-18-5	H
Ammonium Sulphate	7783-20-2	H

VH>60% H>30-60% M=10-30% L=<10%

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SECTION 4 – FIRST AID MEASURES

First Aid

- Swallowed: Immediately rinse mouth with water. If swallowed DO NOT induce vomiting. Give a 1-3 glasses of water to drink. If vomiting occurs, place victim head lower than hips to prevent vomiting entering lungs. Seek medical assistance or contact the Poisons Information Centre if symptoms persist.
- Eye: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical assistance or contact the Poisons Information Centre immediately.
- Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair immediately with soap and running water. Remove contaminated clothing and wash before re-use. If irritation persists seek immediate medical advice immediately.
- Inhaled Remove victim from further exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical attention if effects persist.

Advice to Doctor

Treat symptomatically based upon individual reactions of patient

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard

Stable at normal temperatures and pressures. Avoid heat, flames, sparks and other sources of ignition. Incompatible with acids, bases, oxidising materials, metals. The active ingredient decomposes in heat to form toxic fumes of nitrogen, sulphur oxides and ammonia. Firefighters should wear full protective clothing including self contained breathing apparatus. Keep containers cool by spraying with water to prevent pressure building up inside the drums, causing them to burst.

Extinguishing Media

Fire fighters must wear full protective clothing including self contained breathing apparatus. Use water, dry chemical powder or carbon dioxide. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills

Isolate the spillage area. Increase ventilation. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours or mists. Contain using sand or soil – prevent run off into drains and waterways. Use absorbent (soil, sand vermiculite or other inert material). Collect and seal in properly labelled drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services. NOTE : Ammonium Sulphate is used widely as a fertiliser. Small spillages can be diluted with water and worked into the soil.

SECTION 7 – HANDLING AND STORAGE

Handling : Avoid skin and eye contact

Storage : Under normal weather conditions store in a well-ventilated area. Store in a dry cool environment. Store away from acids, bases, oxidising materials and metals. Avoid any dust build up. Keep containers closed at all times when not in use. Store away from foodstuffs. Check regularly for leaks

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits : No value assigned for this specific material by the Occupational Health and Safety Commission

Engineering Control Measures : Natural ventilation should be adequate under normal use conditions, Keep containers closed when not in use.

Personal Protective Equipment :

Eye: Use chemical safety glasses or goggles to prevent eye contact

Hands: Use impervious rubber gloves when skin contact is possible

Other: Use rubber boots and easily washable clothing

Respirator: Use with adequate ventilation.

Always wash hands before eating, drinking, smoking or using the toilet.

Wash contaminated clothing and other protective equipment before storage and reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour:	Clear Liquid	pH (as is):	Not Applicable
Melting Point:	Not Applicable	Flash Point:	Not applicable
Boiling Point:	Approx 100°C	Volatiles	Not applicable
Specific Gravity: @ 20°C	1.20	Flammable Limits:	Not applicable
Solubility:	Miscible in water		

SECTION 10 – STABILITY AND REACTIVITY

Stability Stable at normal temperatures and pressures. Avoid heat, flames, sparks and other sources of ignition.

Reactivity May react violently with acids, bases, oxidising materials and metals. Hazardous decomposition products include ammonia, oxides of nitrogen and sulphur. Polymerisation will not occur.

SECTION 11 – TOXOLOGICAL INFORMATION

Health Effects

No adverse health effects expected if the material is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the material is mishandled are :

Acute Effects

- Swallowing: May cause nausea, vomiting & abdominal pain & severe irritation of the gastrointestinal tract Oral LD50 (Ammonium Sulphate) = 2840 mg/kg (rat)
- Eye: Can cause severe irritation and potential permanent eye damage.
May cause corneal damage.
- Skin: Contact with skin may result in severe irritation.
- Inhaled: Vapour may cause irritation of the respiratory tract and mucous membranes. Inhalation of vapour can result in coughing, sneezing and difficulty in breathing

Chronic Effects

Principal routes of exposure are by accidental skin or eye contact
Prolonged or repeated skin contact may have a corrosive action on human tissues

SECTION 12 – ECOLOGICAL INFORMATION

Avoid contaminating waterways. Spills should be contained, absorbed by sand or earth and placed in sealed plastic or epoxy-lined drums for disposal

SECTION 13 – DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority .

SECTION 14 – TRANSPORT INFORMATION

Not classified as a Dangerous Good by the Criteria of the Australian Dangerous Good Code

Proper Shipping Name :	Not required	UN Number :	Not applicable
Dangerous Goods Class :	Not applicable	Subsidiary Risk :	Not applicable
Hazchem Code :	Not applicable	Packing Group :	Not applicable

SECTION 15 – REGULATORY INFORMATION

Classification Based upon information, classified as hazardous according to criteria of Safe Work Australia

Poisons Schedule Not applicable

SECTION 16 – OTHER INFORMATION

Contact Points

<u>Organisation</u>	<u>Location</u>	<u>Telephone</u>	<u>Ask For</u>
Tasman Chemicals Pty Ltd	Braeside, Victoria, Australia	(03) 9587 6777	Technical Manager
Poisons Information Centre		13 1126	

MSDS are updated frequently. Please ensure that you have a current copy.

This MSDS summarises our best knowledge of the health and safety hazard information of the product; how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Tasman Chemicals Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions, a copy of which appears on all invoices. It is also available on request. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.