

**TASMAN CHEMICALS**

"Tasman trusted products"

MATERIAL SAFETY DATA SHEET

EXECUTE

SECTION 1 – IDENTIFICATION

Product Name EXECUTE

Recommended Use Fly Spray / Insecticide

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

Telephone Number (03) 9587 6777
Facsimilie (03) 9587 5255
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 : Xn (Harmful)

Risk Phrases

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R37/38 Irritating to respiratory system and skin
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness and cracking

Safety Phrases

S2 Keep out of reach of children
S13 Keep away from food, drink and animal feeding stuffs.
S23 Do not breathe gas/fumes/vapour/spray
S24 Avoid contact with skin
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S60 This material and its container must be disposed of as hazardous waste
S61 Avoid release to the environment.

Execute 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>
PERMETHRIN 25:75	52645-53-1	L
Aliphatic Hydrocarbon	64742-48-9	VH

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

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Prepared By :
Keith Sadlier

SECTION 4 – FIRST AID MEASURES

First Aid

- Swallowed: If swallowed **DO NOT** induce vomiting. Wash out mouth with water. Where vomiting occurs naturally have head below hip level in order to reduce risk of aspiration Seek immediate medical assistance or contact the Poisons Information Centre immediately.
- 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
- Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
- Inhaled Remove victim from source of contamination or move victim to fresh air. Allow patient to assume most comfortable position. Seek medical attention if effects persist.

Advice to Doctor

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard

This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition. Hoses should be electrically continuous and containers bonded to avoid static charge build-up. Keep the container tightly closed

Extinguishing Media

Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire expose containers cool

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face operated in the pressure demand or other positive pressure mode

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (eg vermiculite, dry sand, or earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Place used absorbent in suitable sealed containers, follow state or local authority regulations and guidelines for the disposal of the waste. Clean area with detergent and water – do not allow product to enter drains sewers or watercourses – inform the local authorities if this occurs.

SECTION 7 – HANDLING AND STORAGE

Handling : Avoid skin and eye contact

Storage : Under normal weather conditions store in a well-ventilated area.
Keep containers closed at all times when not in use. Check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits : Occupational Exposure Limits : Threshold Limit Values
Time Weighted Average (TWA) = 1200 mg/m³ (Aliphatic Hydrocarbon)

Exposure Standards (TWA) is the time-Weighted average airborne concentration over an eight-hour working day, for a five day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, cause undue discomfort to, nearly all workers.

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

Personal Protective Equipment :

Eye: Safety glasses with side shields
Hands: Impervious plastic or rubber gloves.
Other: Not applicable
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:	Clear Liquid	Vapour Pressure	Not applicable
Melting Point:	Not applicable	Flash Point:	> 61 °C
Boiling Point:	Not applicable	Flammable Limits:	Not applicable
Specific Gravity	0.80 grams/mL (approximately)	Solubility:	Immiscible in water

SECTION 10 – STABILITY AND REACTIVITY

Stability Incompatible with strong oxidising agents
Reactivity May react with strong oxidants.

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: Ingestion causes burning sensation in mouth and stomach, nausea, vomiting and salivation. Minute amounts aspirated into the lungs can produce a severe hemorrhagic pneumonitis with severe pulmonary injury.
LD50 (Permethrin 25:75) = 400 mg/kg (Rat)

Eye: Will cause eye irritation. Splashes cause severe irritation, possible corneal burns and eye damage.

Skin: Skin contact results in loss of natural oils and often results in a characteristic dermatitis. May be absorbed through the skin.

Inhaled: Inhalation of vapours may be irritating to the nose and throat. Inhalation of high concentrations may result in nausea, vomiting, headache, ringing in the ears, and severe breathing difficulties which may be delayed in onset.
LC50 (Permethrin 25:75) = 25 mg/l/ 10 h (Rat)

Chronic Effects

Chronic inhalation can cause headache, loss of appetite, nervousness and pale skin. Repeated or prolonged skin contact may cause a skin rash. Repeated exposure of the eyes to high concentrations of vapor may cause reversible eye damage.

SECTION 12 – ECOLOGICAL INFORMATION

Do not contaminate waterways. Minor spills and residue may be hosed down with excess water to trade waste treatment plant. Major spills should be contained, and placed in sealed plastic or epoxy-lined drums for disposal

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA and state regulations. If possible contain spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute BUT contain. If large quantities of this material enters the waterways contact the Environmental Protection Authority or you local Waste Management Authority

SECTION 14 – TRANSPORT INFORMATION

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 Schedule 5

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.