

MATERIAL SAFETY DATA SHEET

Company Details

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Hazardous according to criteria of Worksafe Australia

I IDENTIFICATION

Product Name: Farmoz Aphidex 500 Aphicide

Other Names: None

Product Code: None

UN No: None allocated.

Hazchem Code: None allocated.

Dangerous Goods Class: None allocated.

Sub Risk Class: No Subsidiary Risk.

Packaging Group: None allocated.

EPG: None allocated.

Poison Schedule: S6

Product Type: Wettable powder aphicide.

Chemical Family: Substituted nitrogenous heterocyclic aromatic compound.

Uses: Controls certain aphids on crops and pastures.

Physical appearance & Properties:

Appearance & Odour: Off-white powdered product. Mild odour.

Melting/softening point: Decomposes.

Boiling point and vapour pressure: Not applicable.

Volatile materials: Nil

Flashpoint: Not flammable.

Specific gravity: No data. Expected to be >1

Solubility in water: Disperses in water.

Corrosiveness: Not corrosive.

Ingredients:

Chemical entity	CAS No	Proportion %	Worksafe Exposure Limits	
			TWA mg/m ³	STEL mg/m ³
Pirimicarb	23103-98-2	50	not set*	not set*
Ingredients determined not to be hazardous	secret	to 100	not set	not set

*Although values have not been set, a value of 1mg/m³ is suggested.

This is a commercial product, and the exact ratio of components may vary. Trace quantities of impurities are also likely.

II HEALTH HAZARD DATA

Health Effects:

No specific data is available for the product for chronic exposure symptoms. This product is not listed as carcinogenic in Worksafe's document 'Exposure Standards for Atmospheric Contaminants in the Occupational Environment' (May 1995). Repeated minor exposure may have a cumulative poisoning effect.

Acute Effects:

Product is poisonous if absorbed by skin contact or inhaled or swallowed. May produce symptoms including headache, weakness & confusion followed by vomiting, abdominal pain, sweating and salivation. Difficulty in breathing may be experienced, followed. Severe cases may progress to muscular twitching & convulsions. Overexposure may lead to fluid on lungs.

Swallowed: Data suggests that the product should be considered to be very toxic by ingestion. May cause problems if prompt treatment is not sought.

Eye: Data suggests that this product should be classified as slightly irritating to the eyes. Produces constriction of pupils in 10-15 minutes.

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Skin: Data suggests that the product should be classified as non irritating to the skin.

Inhalation: Data suggests that the product should be considered to be slightly irritating by inhalation. May cause coughing and chest discomfort.

Primary route of exposure is inhalation and skin and eye contact.

Ririmicarb LD₅₀ 147mg/kg (Oral, rat)

First Aid:

If swallowed, give one atropine tablet every 5 minutes until dryness of mouth occurs - if poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

Eye: If this product comes into contact with eyes, hold eyes open and wash with running water. Ensure irrigation under eyelids by occasionally lifting eyelids. Do not attempt to remove contact lenses unless trained. Transport to hospital or doctor immediately if eye irritation develops.

Skin: If this product comes into contact with skin, wash skin with soap and water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again. Transport to hospital or doctor if skin irritation develops.

Inhalation: If dusts or combustion products are inhaled, remove to fresh air. Lay victim down & keep warm and rested. If breathing is shallow, or has stopped, ensure clear airway and apply resuscitation or oxygen if available. Transport to hospital or doctor immediately.

Advice to doctor: This is an anticholinesterase compound. Give atropine sulfate 2mg intramuscularly or, in severe cases, intravenously, repeated at 10-15 minutes until dryness of the mouth occurs. When this treatment is achieved, it is advisable to maintain a mild degree of atropinisation for 24 hours. If stopped too early, pulmonary oedema may develop. Do not give atropine to a cyanosed patient.

III PRECAUTIONS FOR USE

Exposure Standards:

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for the ingredients in this product. There is a blanket recommendation of 10mg/m³ for inspirable dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. See ingredients section on page 1 of this data sheet.

Engineering Controls:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

Personal Protection:

Obtain an emergency supply of atropine tablets 0.6mg. When opening the container, preparing or using product wear elbow length PVC gloves and face shield or goggles.

Respiratory Protection: A face mask or respirator should be used when this material is being used. For help in selecting suitable equipment consult AS/NZS 1715.

Clothing: Clean overalls should be worn, preferably with an apron. Consult AS 2919 for advice on Industrial Clothing.

Safety Boots: Wearing safety boots would be advisory. Consult AS/NZS 2210 for advice on Occupational Protective Footwear.

Flammability Limits: Upper: Not flammable, Lower: Not flammable

If product gets on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves face shields and contaminated clothing.

IV SAFE HANDLING INFORMATION

Storage & Transport:

No special requirements storage and transport requirements. This material has no UN Classification.

This material is classed as a S6 Poison. Observe appropriate state regulations for storage, transport and sale.

Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure the material does not come into contact with water or acids.

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Spills and disposals:

In event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including face mask, face shield and gauntlets. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area, preventing runoff from entering drains. If material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in compliance with local, state and federal regulations. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Launder all contaminated clothing before re-use.

Fire/Explosion Hazard:

There is no explosion hazard from this material under normal circumstances.

Flashpoint: Not flammable.

Extinguishing Media: carbon dioxide, dry chemical, foam, water fog.

Special Fire fighting procedures: Wear full protective clothing including face mask, face shield and gauntlets.

Unusual fire & Explosion hazards: Decomposition products are toxic and corrosive. There is little or no chance of an explosion from this product if involved in a fire.

Stability: Stable.

Polymerisation: Will not polymerise.

Decomposition Products: carbon dioxide, carbon monoxide, nitrogen oxides, water.

Materials to avoid: Strong acids, strong alkalis, strong oxidising agents.

V OTHER INFORMATION

This MSDS is prepared in accord with the Worksafe Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets", 1994.

Contact Points:

Call Farmoz on (02)9363 3611

Fax: (02)9363 5977

Ask for Russel Brown, Technical Manager.

Police and Fire Brigade:

Dial 000

If ineffective:

Dial Poisons Information Centre

(13 1126 from anywhere in Australia)

The information contained in this Material Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Farmoz Pty Ltd makes no representation as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, for any loss or damage arising from or connection with the supply or use of the information in this Material Safety Data Sheet.

Please read all labels carefully before using product.

Prepared by Kilford & Kilford Pty Ltd, March, 1998

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Acknowledgments:

Collated by HerbiGuide. Phone 08 98444064 for more information.