

DATE OF ISSUE: 24TH DECEMBER 2007

BARMAC INDUSTRIES PTY LTD
BOX FLAT ESTATE SWANBANK RD. SWANBANK Q 4306

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BARMAC DICHLORVOS INSECTICIDE

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Nil

USE: Insecticide

UN NUMBER: 3018

HAZCHEM CODE: 2X

DANGEROUS GOODS CLASS: 6

SUB CLASS:

POISONS SCHEDULE: 6

PHYSICAL DESCRIPTION/PROPERTIES

PHYSICAL STATE: liquid

APPEARANCE: A light brown liquid.

FLASHPOINT (° C): 66°C

BOILING POINT (° C): Solvent Boils at 137°C

FLAMMABILITY LIMITS (%): N/A

VAPOUR PRESSURE (___): N/A

SOLUBILITY IN WATER (g/L): Emulsifies

SPECIFIC GRAVITY: 1.08

INGREDIENTS

CHEMICAL ENTITY

Dichlorvos
Aromatic Hydrocarbon
Emulsifiers

CAS NO

62-73-7

PROPORTION

500g/L
47%
Balance

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE:

SWALLOWED: Product is moderately toxic. Acute oral LD50 Approx 80-120mg/kg (RATS). Product is an organophosphate pesticide and cholinesterase inhibitor.

EYES: Moderate eye irritant.

SKIN: Short single exposure should not result in any significant skin irritation.

INHALED: Inhalation of product for prolonged periods could cause significant irritation from both the active ingredient and the solvent.

CHRONIC:

FIRST AID

SWALLOWED: If swallowed induce vomiting, preferably using Ipecac Syrup APF, and give one Atropine tablet every 15 minutes until dryness of the mouth occurs. Contact a doctor or poisons information centre.

EYES: If in eyes, hold eyes open and flood with water for at least 15 minutes and see a doctor.

SKIN: If poisoned by skin absorption remove any contaminated clothing from patient. Wash skin thoroughly with soap and water and give Atropine tablets as above. Get to a doctor or hospital quickly.

INHALED: Remove patient from contaminated area. Contact a doctor if symptoms persist.

FIRST AID FACILITIES: N/A

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ADVICE TO DOCTOR: Product is a cholinesterase inhibitor. Atropine is an antidote of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 20 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams. Avoid morphine, aminophylline, phenothiazine, reserpine, furosemide and ethacrynic acid. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been attained as determined by a blood test. Remove contaminated clothing and do not reuse without thorough cleaning with detergent and hot water.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS: N/A

ENGINEERING CONTROLS: Good ventilation is required when mixing the concentrate.

PERSONAL PROTECTION: Clean body covering impervious clothing and gloves. Twin cartridge respirator with agricultural filters is recommended. Face shield or goggles should be worn when mixing the concentrate.

FLAMMABILITY: N/A

SAFE HANDLING INFORMATION

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STORAGE AND TRANSPORT: Store or transport material in a dry place. Product is packaged in containers recommended for the transport of dangerous goods.

SPILLS AND DISPOSAL: Evacuate personnel and thoroughly ventilate the area. Remove sources of heat, sparks, flame, impact, friction or electricity. If unable to extinguish fire, let burn until consumed. Use spark proof equipment for cleanup. Cover spill with clean sand or absorbent material. Large spills should be banded first. Scoop or sweep up absorbed material and place in a drum that is sealed upon completion. Dispose of at an approved landfill. Wash spill surface with detergent solution and rinse with water.

SMALL SPILL

Cover with non-flammable absorbent (clay, sand, oil dry, kitty litter, etc.) to absorb the liquid. Sweep into a open plastic drum. Decontaminate the area and equipment with dilute alkali or ammonia (less than 5% solution) and detergent. Flush the area with water. Absorb and sweep into the same open plastic drum. Close the drum and dispose of as a hazardous waste.

LARGER SPILL

Dike the spill to prevent contamination of local water sources. Siphon the majority of the liquid into drums for use or disposal, depending on the circumstances. Clean the area as described for a small spill.

FIRE/EXPLOSION HAZARD: Product is flammable. Extinguishing media: Water spray, dry chemical, carbon dioxide.

NOTICE: Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling and storage whether in accordance with directions or not. Barmac Industries Pty Ltd and its agents give no guarantee or warranty of any kind express or implied concerning the use of this product and will not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product.
