



Barmac Industries Pty. Ltd.

Est. 1955

A.B.N. 21 009 674 953

32 Flanders Street, SALISBURY QLD 4107
Ph: (07) 3255 6000 Fax: (07) 3255 6600

MATERIAL SAFETY DATA SHEET

BARMAC DIAZINON INSECTICIDE

DATE OF ISSUE: 5th October 1998

EMERGENCY ALL HOURS NUMBER: (07) 3255 6000

Classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Neocid
USE: An Insecticide
UN NUMBER: 3018
HAZCHEM CODE: 3WE
DANGEROUS GOODS CLASS: 6.1
POISONS SCHEDULE: S6

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Brown, slightly viscous liquid, Strong odour.
FLASHPOINT (°C): >61 °c
BOILING POINT (°C): approx 130°C
FLAMMABILITY LIMITS (%): N/A
VAPOUR PRESSURE (___): N/A
SOLUBILITY IN WATER (g/L): Insoluble. Will emulsify.
SPECIFIC GRAVITY: Approx. 1.08

INGREDIENTS

CHEMICAL ENTITY	CAS NO	PROPORTION
Diazinon	333-41-5	80% w/v
Hydrocarbon Solvent & Inert Ingredients		20% w/v

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE:

- SWALLOWED:** Product is considered to be moderately toxic. The product is a cholinesterase inhibitor.
- EYES:** Eye contact should be avoided. Will irritate eyes. A potential for poisoning due to absorption through the eyes exists, particularly if product is not washed out immediately.
- SKIN:** Skin contact should be avoided. Absorption through the skin is the most likely industrial route of exposure, particularly when handling the undiluted material. Skin irritation varies from very mild to none depending on the skin sensitivity of the individual.
- INHALED:** Inhalation should be avoided. Product is slightly toxic by this route of exposure.

CHRONIC: All cholinesterase inhibitors will have a cumulative poisoning effect. Repeated minor exposure of this group of products may prove to be harmful. Levels of cholinesterase may not return to normal for upto 3 weeks after the last exposure.

FIRST AID

- SWALLOWED:** If swallowed contact a doctor or Poisons Information Centre. Give one atropine tablet every 5 minutes until dryness of the mouth occurs. If unconscious give nothing by mouth and do not induce vomiting.
- EYES:** If in eyes, hold eyelids open, flood with water for at least 15 minutes and see a doctor. If poisoning symptoms develop give atropine tablets as above.
- SKIN:** If skin contact occurs remove contaminated clothing and wash skin thoroughly. If poisoning symptoms develop give atropine tablets as above.
- INHALED:** Move victim to fresh air. Seek medical advice. If poisoning symptoms develop give atropine tablets as above.

FIRST AID FACILITIES: Keep a supply of atropine tablets on hand

ADVICE TO DOCTOR: Treat as a cholinesterase inhibitor. Atropine is antidotal.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS: The exposure limit for product is 0.1 mg/m³ (8 hrs TWA)

ENGINEERING CONTROLS: Use in well ventilated area only.

PERSONAL PROTECTION: Use good industrial hygiene. Wear face shield or goggles, elbow length PVC gloves, cotton overalls buttoned to the neck and wrist, washable hat and half face respirator with dust and vapour cartridge. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FLAMMABILITY: Product is combustible.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Material is classified as a dangerous good for transport purposes. Product should be stored in a cool, dry place and out of direct sunlight. Keep out of reach of children. Store away from food or foodstuffs. Do not store near other pesticides or seed. Keep container tightly closed when not being used.

SPILLS AND DISPOSAL: Contain spills, adsorb and sweep up. Store in sealed drums for disposal. Materials should be disposed in a land fill area approved by local authorities.

FIRE/EXPLOSION HAZARD: If involved in a fire, protective clothing and breathing apparatus should be worn.

OTHER INFORMATION

LD 50 oral is 850 mg/Kg. (Based on similar products).

LD 50 dermal is >2150 mg/Kg (Based on similar products)

Product is highly toxic to birds and bees and moderately toxic to fish.

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.