

## Dime

ISSUED: 08/09/10

### Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

**Product Name:** DIME

**Recommended Use:** Broad spectrum insecticide for use in agriculture and horticulture

**Company Identification:** Ravensdown Fertiliser Co operative Limited

**Address:** Level 1  
32 Oxford Terrace  
Christchurch

**Customer Centre:** 0800 100 123

**National Poisons Information Centre:** 0800 POISON (0800 764 766)

**Emergency Telephone Number:** 0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)

**Transport Emergency:** IN AN EMERGENCY, DIAL 111 – FIRE or POLICE

### Section 2: HAZARD IDENTIFICATION

**Hazard Classifications:** 3.1C, 6.1C, 6.4A, 6.8B, 6.9A, 9.1A, 9.2B, 9.3A, 9.4A

**Priority Identifiers:** WARNING – Flammable Liquid and Vapour  
TOXIC  
ECOTOXIC

**Secondary Identifiers:** 3.1C = Flammable liquid and vapour. Keep away from sources of ignition.  
6.1C = May be fatal if swallowed, inhaled or absorbed through the skin  
6.4A = May cause eye irritation  
6.8B = May cause reproductive or development damage from repeated oral exposure  
6.9A = May cause organ damage from repeated oral exposure at high doses  
9.1A = Very toxic in the aquatic environment  
9.2B = Toxic in the soil environment  
9.3A = Very toxic to terrestrial vertebrates  
9.4A = Very toxic to terrestrial invertebrates

### Section 3: COMPOSITION INFORMATION

| INGREDIENT        | CAS No.  | CONTENT   |
|-------------------|----------|-----------|
| Dimethoate        | 60-51-5  | 40%       |
| Cyclohexanone     | 108-94-1 | 30-60%    |
| Other ingredients |          | To Volume |

### Section 4: FIRST AID MEASURES

**First Aid Measures:** Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.

**Inhalation:** Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.

**Ingestion:** Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.

|                          |  |
|--------------------------|--|
| <b>Skin:</b>             | Remove contaminated clothing and wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance. |
| <b>Eye:</b>              | Flush with plenty of water holding eyelids open if necessary.  |
| <b>Advice to Doctor:</b> | Atropine is the specific antidote.   |

### Section 5: FIRE FIGHTING MEASURES

|                                       |   |
|---------------------------------------|---|
| <b>ERMA Classification:</b>           | 3.1C  |
| <b>Flash Point:</b>                   | 45°C approx   |
| <b>Hazardous Combustion Products:</b> | If involved in a fire may evolve toxic and irritating fumes     |
| <b>Extinguishing Media:</b>           | Foam, carbon dioxide or dry chemical                            |
| <b>Protective Equipment:</b>          | Full protective clothing and self contained breathing apparatus |
| <b>HAZCHEM Code:</b>                  | 3W  |
| <b>Location Certificate:</b>          | Required  |
| <b>Hazardous Atmosphere Zone:</b>     | Required  |
| <b>Fire Extinguishers:</b>            | <b>Required.</b> 2 for 500lt or more                            |

### Section 6: ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Spills and Disposal:</b>      | Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill. |
| <b>Protective Clothing:</b>      | For appropriate personal protective equipment see section 8.  |
| <b>Environmental Precaution:</b> | Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.   |

### Section 7: HANDLING AND STORAGE

|                           |   |
|---------------------------|---|
| <b>Handling:</b>          | Keep out of reach of children. Avoid contact with skin, eyes and inhalation of spray mist.<br><b>Approved Handler:</b> This product must be under the control of an approved handler when applied in a wide dispersive manner or used by a commercial contractor<br><b>Tracking:</b> This product must be tracked<br><b>Record Keeping:</b> Records of use as described in NZS 8409 Management of Agrichemicals must be kept.   |
| <b>Storage:</b>           | Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser, seed and sources of ignition. Store in accordance with NZS 8409 Management of Agrichemicals. Do not store with Class 1, 2, 3.2, 4 or 5 substances.<br><br>Stores containing 500lt of this product or in aggregate with substance of the same hazard classification must have at least 2 fire extinguishers.<br><br>This product is subject to signage and secondary containment when stored in quantities of 100litres or more, either alone or in aggregate with substances of the same hazard classification. More than 100litres require emergency response plans. For full details refer to NZS 8409 Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations). |
| <b>Other Information:</b> | Always read the label before use. See label for further information on handling and storage.  |

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

|                              |   |
|------------------------------|---|
| <b>Exposure Limits:</b>      | No exposure limits have been assigned for this product by OSHA  |
| <b>Protective Equipment:</b> | When opening the container, preparing spray and when contact with concentrate or solution is likely, wear safety goggles, chemically resistant gloves, cotton overalls buttoned to the neck and wrist, and boots. |

**Engineering Controls:** Handle in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Avoid inhalation of spray mist.

**Hygiene Precautions:** Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear amber liquid  
**Odour:** Solvent odour  
**Specific Gravity:** 1.1  
**Solubility in Water:** Emulsifies in water  
**Flash Point:** 45°C  
**Other Information:** (EC) Emulsifiable concentrate

## Section 10: STABILITY AND REACTIVITY

**Stability:** When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.

**Hazardous Polymerisation:** Hazardous polymerisation is not likely to occur

**Materials to Avoid:** Avoid contact with oxidising agents, strong acids or alkalis

## Section 11: TOXICOLOGICAL INFORMATION

**ERMA Classifications:** 6.1C, 6.4A, 6.8B, 6.9A

**Inhalation:** **Acute Inhalation** LD<sub>50</sub> (rat) (4hr) >1.6mg/l (dimethoate)  
When applying this product avoid inhalation of spray mist. Minor short term exposure may lead to short term health problems, although long term exposure may lead to permanent health problems.

**Ingestion:** **Acute Toxicity (Oral)** LD<sub>50</sub> (rat) 387mg/kg (dimethoate)  
Amounts as single exposure swallowed incidental to normal handling may cause harm. Ingestion of relatively large amounts may lead to death. Possible symptoms of exposure include nausea, vomiting and central nervous system depression. If aspirated into the lung may cause chemical pneumonitis or pulmonary oedema.

**Skin:** **Acute Toxicity (Dermal)** LD<sub>50</sub> (rat) >2000mg/kg (dimethoate)  
The concentrate may be absorbed through the skin. Major exposure may lead to serious health problems and even death if not treated promptly. Irritating to the skin

**Eye:** No information available

**Chronic Effects:** Regular exposure may result in lowering of cholinesterase activity. This typically leads to headache, dizziness, weakness, shaking, nausea, stomach cramps, diarrhoea and sweating.

**Reproductive Toxicity:** No information available

**Mutagenicity:** No mutagenic or teratogenic effects expected

**Carcinogenicity:** Data indicates no carcinogenic effects

## Section 12: ECOLOGICAL INFORMATION

**ERMA Classifications:** 9.1A, 9.2B, 9.3A, 9.4A

**Ecotoxicity:** **Acute Toxicity (fish)** (dimethoate)  
LC<sub>50</sub> (96hr) 92.2mg/l  
**Very ecotoxic in the aquatic environment**  
**Very toxic to terrestrial vertebrates**  
**Very toxic to terrestrial invertebrates**

### Section 13: DISPOSAL INFORMATION

- Product Disposal:** Dispose of product only by using according to label or at an approved landfill. Do not burn.
- Container Disposal:** Triple rinse container and add rinsate to spray tank.  
Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues and have an intact legible label may be taken to an Agrecovery collection site for disposal [Ph.0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz) ].  
Otherwise crush or puncture and bury in an approved landfill. Do not burn container. Do not use container for any other purpose.

### Section 14: TRANSPORT INFORMATION

- RAIL/ROAD:**
- |                              |  |
|------------------------------|--|
| <b>UN Number:</b>            | 3017   |
| <b>Proper Shipping Name:</b> | ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE |
| <b>DG Class:</b>             | 6.1  |
| <b>Subsidiary Risk:</b>      | 3  |
| <b>Packing Group:</b>        | III  |
| <b>Marine Pollutant:</b>     | Yes  |
- Other Information:** Do not carry this product on a passenger service vehicle.  
Check the latest versions of the Land Transport Rule 45001 and associated Transport of Dangerous Goods on Land [NZS 5433] for additional information on maximum allowable transport quantities [MTQ's], placarding and segregation.  
Sea transport may require further segregation.

### Section 15: REGULATORY INFORMATION

- ACVM:** Registered pursuant to the ACVM Act 1997, P2577  
See [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions.
- ERMA:** Approved pursuant to the HSNO Act 1996, Code: HSR000965  
See [www.erma.govt.nz](http://www.erma.govt.nz) for approval controls.
- Product Registered to:** ISAGRO NZ Pty LTD  
Level 11, KPMG Centre  
18 Viaduct Harbour Avenue, Auckland

### Section 16: OTHER INFORMATION

- This SDS was newly created on the 08/09/10 and was written to include HSNO requirements.
- The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.