

CLAYTON

PLANT PROTECTION

CLAYTON PIRIMICARB 50

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Pirimicarb 50 MAFF 12910
For use only as an agricultural/horticultural insecticide.

Marketing company

Clayton Plant Protection (UK) Ltd.,
Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland.
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2. COMPOSITION/INFORMATION ON INGREDIENTS

| | | | | |
|--------------------------------|-------------|---------------|------|-------------|
| Pirimicarb | 50 % w/w | CA 23103-98-2 | T, N | R 25, 50/53 |
| Sodium dioctyl sulphosuccinate | 5-10 % w/w | CA 577-11-7 | Xi | R 36/38 |
| Talc | 20-30 % w/w | CA 14807-96-6 | - | - |

3. HAZARDS IDENTIFICATION

Pirimicarb is an anticholinesterase carbamate compound. DO NOT USE if under medical advice NOT to work with such compounds.

| | | |
|-------|-------------|------------------|
| Human | Ingestion: | moderately toxic |
| | Skin: | low hazard |
| | Eyes: | irritant |
| | Inhalation: | harmful |

Environmental Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID

SYMPTOMS OF POISONING

These may include excessive sweating, headache, weakness, faintness and giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision, muscle twitching.

FIRST AID

If any of the above symptoms occur, particularly if there is any known contamination: STOP WORK.

Call Doctor AT ONCE and show him the label or this datasheet.

Remove all contaminated clothing. Prevent all exertion.

Eyes: flush immediately with plenty of water for 15 minutes. Seek medical advice if irritation arises.

Skin: remove all contaminated clothing. Wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.

Inhalation: remove to fresh air; prevent all exertion; seek immediate medical attention.

If swallowed: do not induce vomiting; wash mouth with water; seek medical attention immediately and show the container label or this datasheet.

GUIDE TO DOCTOR

This product contains an anticholinesterase carbamate compound.

Specific Treatment

1. IN ALL CASES AND AS EARLY AS POSSIBLE inject atropine sulphate 2 milligrams or pro rata for children and repeat if necessary until fully atropinised.
2. DO NOT USE pralidoxime.

Other measures:

1. Keep airway clear.
2. Watch respiration - intubation with endotracheal tube or tracheotomy may be necessary in conjunction with artificial ventilation.
3. Put patient at complete rest in hospital for at least 24 hours.

Further advice from nearest National Poisons Information Centre

5. FIRE FIGHTING

Wear full protective clothing, goggles and respirator. Call fire brigade for all but small, immediately controllable fires. Toxic fumes may be released on heating. Do not breathe smoke. Keep containers cool by spraying with water. Extinguish source of fire, preferably with dry inert powder, foam, carbon dioxide or water fog. Do not use a water jet. Contain fire-fighting water, bunding as necessary.

6. ACCIDENTAL RELEASE

Wear full protective clothing and a respirator. Prevent contamination of water. Inform local water plc immediately if product enters drains. Inform Environment Agency/Scottish Environment Protection Agency if product enters surface or ground waters. Collect up all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep in original container, tightly closed, in a safe place. Store in a cool, dry place. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Pirimicarb is an anticholinesterase carbamate compound. DO NOT USE if under medical advice NOT to work with such compounds.

Wear suitable protective clothing (coveralls), suitable protective gloves and suitable respiratory protective equipment when handling the concentrate.

Wash concentrate from skin or eyes immediately.

When using do not eat, drink or smoke.

Wash hands and exposed skin before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: small, cylindrical granules

Colour: blue-green

Odour: not remarkable

Vapour pressure: pirimicarb: 0.97 mPa at 25°C

Bulk density: 0.5 g/ml

Water solubility: granules disperse readily in water (3 g pirimicarb/litre)

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging. Toxic and irritant fumes evolved on heating.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: 87 mg/kg

Acute dermal LD₅₀ for rat: >2000 mg/kg

Inhalation LC₅₀ (4-hour) for rat: 1.41 mg per litre air

Skin irritancy: Slight irritant

Eye irritancy: Moderate irritant

Skin sensitisation: Negative

12. ECOLOGICAL INFORMATION

Acute oral LD₅₀ for bobwhite quail: 8.2 mg pirimicarb/kg

LC₅₀ (96 hour) for bluegill sunfish: c. 80 mg/l

Bees, contact LD₅₀ (24-hour) 51 µg technical product per bee (not toxic)

Daphnia LC₅₀ (48-hour) c. 14 µg per litre

Algae, green EC₅₀ (96-hour) 50 mg pirimicarb/l

13. DISPOSAL

Product: dispose of via an authorised disposal contractor.

Containers: dispose of via an authorised disposal contractor. Consult also 'Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings' (DEFRA/HSE).

14. ROAD AND RAIL TRANSPORT

CARBAMATE PESTICIDE, SOLID, TOXIC (contains pirimicarb)

UN 2757 Class 6.1 Packing group III

(Marine pollutant)

15. REGULATORY INFORMATION



TOXIC

contains 50 % w/w pirimicarb
R20 Harmful by inhalation
R25 Toxic if swallowed
R36 Irritating to eyes



N DANGEROUS
FOR THE
ENVIRONMENT

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S1/2 Keep locked up and out of the reach of children.

S13 Keep away from food, drink and animal feedingstuffs.

S22 Do not breathe dust

S36/37 Wear suitable protective clothing and gloves

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

S63 In case of accident by inhalation: remove casualty to fresh air and keep at rest.

S35 This material and its container must be disposed of in a safe way.

The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of the product at work.

The product is approved under the Control of Pesticides Regulations 1986

16. OTHER INFORMATION

Issued: May 2006