

CLAYTON

PLANT PROTECTION

CLAYTON GROOVE

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Groove MAPP 13246
For use only as an agricultural/horticultural insecticide.

Marketing company

Clayton Plant Protection (UK) Ltd.,
Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland.
Tel: (00 353) 1 8210127 Fax: (00 353) 1 8217747

2. COMPOSITION/INFORMATION ON INGREDIENTS

Pirimicarb	100 g/l	CA 23103-98-2	T, N	R 25, 50/53
Lambda-cyhalothrin	5 g/l	CA 91465-08-6	T+, N	R 21, 25, 26, 50/53
Surfactant	50-100 g/l	CA 154530-88-8	Xi	R 10, 36/38
Solvent naphtha (petroleum) light aromatic	600-750 g/l	CA 64742-94-5	Xn, N	R 65, 66, 51/53
1-butanol	1- 20 g/l	CA 71-36-3	Xn	R 10, 22, 37/38, 41, 67

3. HAZARDS IDENTIFICATION

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

Human Ingestion: harmful
Skin: irritant; may cause an allergic reaction
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 attention immediately.

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. 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 National Poisons Information Centre.

5. FIRE FIGHTING

Wear full protective clothing, goggles and respirator. Call fire brigade for all but small, immediately controllable fires. The product will burn with dense, black smoke. Toxic fumes may be released. 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 or face mask protective against organic vapours. 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. Absorb spillage with sand or other inert material. 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

Wear suitable protective clothing (coveralls), suitable protective gloves, suitable face protection (goggles) and suitable respiratory 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 eating and drinking and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	clear, green liquid
Odour:	aromatic
pH (1 % in water):	5-9
Flash point:	86°C
Oxidising properties:	none
Density:	1.01 g/ml at 20°C
Water solubility:	miscible with water in all proportions

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging. Toxic vapours may be evolved on heating.

11. TOXICOLOGY

Acute oral LD ₅₀ for female rat:	1098 mg/kg
Acute dermal LD ₅₀ for rat:	>2000 mg/kg
Inhalation LC ₅₀ (4-hour) for female rat:	1.21 mg per litre air
Eye irritancy (rabbit):	Moderately irritating
Skin irritancy (rabbit):	Irritant
Skin sensitisation:	Negative

12. ECOLOGICAL INFORMATION

LC ₅₀ (96 hour) for rainbow trout:	142 µg per litre
Daphnia LC ₅₀ (48-hour)	161 µg per litre

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

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (contains pirimicarb mixture and solvent naphtha). UN 3082; Class 9; Packing Group III

Packaging: 1-10 litres in fluorinated or polyamide-lined, high-density polyethylene containers.

15. REGULATORY INFORMATION



Xn HARMFUL

contains 5 g/l lambda-cyhalothrin and 100 g/l pirimicarb with solvent naphtha
R20/22 Harmful by inhalation and if swallowed
R38 Irritating to skin



N DANGEROUS FOR THE ENVIRONMENT

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

S2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feedingstuffs.

S24 Avoid contact with skin.

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

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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: January 2007