

# CLAYTON

PLANT PROTECTION

## CLAYTON GROOVE

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Clayton Groove MAPP 12346  
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 23, 25, 43, 50/53
Lambda-cyhalothrin	5 g/l	CA 914-08-6	T+, N	R 21, 25, 26, 50/53
Solvent naphtha (petroleum) light aromatic	588 g/l	CA 64742-95-6	Xn, N	R10, 37, 65, 66, 67, 51/53

### 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 if swallowed; may cause lung damage
	Skin:	irritant; may cause sensitisation
	Eyes:	risk of serious damage
	Inhalation:	harmful; irritant

Physical flammable

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 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. The product is flammable. 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. 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 liquid

Colour: pale yellow

Odour: aromatic

Flash point: 45°C

Density: 0.95 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<sub>50</sub> for rat: 470 mg/kg

Acute dermal LD<sub>50</sub> for rat: >2000 mg/kg

Inhalation: A potential hazard but not hazardous when handled and used as directed

Eye irritancy: Severe irritant

Skin irritancy (rabbit): Severe irritant

Skin sensitisation: Positive, mild

#### **12. ECOLOGICAL INFORMATION**

LC<sub>50</sub> (96 hour) for rainbow trout: 57 µg/l

Daphnia LC<sub>50</sub> (48-hour) 33 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**

CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE (contains pirimicarb mixture and solvent naphtha).

UN 2991 Class 6.1; Subsidiary hazard 3 Packing group III

Packaging: 0.5-5 litres in polyethylene terephthalate or fluorinated 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  
R37/38 Irritating to respiratory system and skin  
R41 Risk of serious damage to eyes  
R43 May cause sensitisation by skin contact  
R65 Harmful: may cause lung damage if swallowed  
R10 Flammable



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.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

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

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