

CLAYTON

PLANT PROTECTION

CLAYTON CHIZM FL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Chizm FL MAPP 11050
For use only as an agricultural/horticultural fungicide.

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

Carbendazim	42 % w/w	CA 10605-21-7	T, N	R 46, 60, 61, 50/53
Ethanediol	5-10 % w/w	CA 107-21-7	Xn	R 22

3. HAZARDS IDENTIFICATION

Human	Toxic May cause heritable genetic damage May impair fertility May cause harm to the unborn child
Environmental	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID

Remove all contaminated clothing.
Eyes: flush immediately with plenty of water for 15 minutes. Seek medical if any irritation persists.
Skin: wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.
Inhalation: remove patient to fresh air; seek medical attention.
If swallowed: wash mouth with water; seek medical attention and show the container label or this datasheet.

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. 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 overall, face protection, rubber boots and suitable protective gloves. Contain spillage, particularly to prevent contamination of water. Inform local water plc immediately if spillage enters drains. Inform Environment Agency/Scottish Environment Protection Agency if spillage enters surface or ground waters. Absorb spillage in sand or earth. Collect 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 and face protection (faceshield) when handling the concentrate.
Wear suitable protective clothing (coveralls) when applying by vehicle mounted equipment.
Wear suitable protective clothing (coveralls), suitable protective gloves, rubber boots and face protection (faceshield) when handling contaminated surfaces or applying by hand-held equipment.
Wash hands before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: opaque, brown, liquid suspension concentrate

Flammability: non-flammable

Oxidising properties: none

pH: in range 7-9

Relative density: 1.19 at 20°C

Water solubility: miscible in all proportions

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >2000 mg/kg

Acute dermal LD₅₀ for rabbit: >2000mg/kg

Non-irritating to skin or eye.

Acute inhalation LC₅₀ (4 hour) for rat: no effect with aerosol of suspension at 10 g a.i./litre water

Skin sensitisation (guinea-pig): negative

12. ECOLOGICAL INFORMATION

Acute oral LD₅₀ for quail: >5000 mg carbendazim/kg

LC₅₀ (96-hour) for rainbow trout: 0.83 mg carbendazim/l

Daphnia LC₅₀ (48-hour): 0.13 mg carbendazim/l

Algae EC₅₀ (72-hour): 1.3 mg carbendazim/l

Bee contact LD₅₀: >50µg/bee

Degradation in soil DT₅₀: 8-32 days

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

PESTICIDE, LIQUID, TOXIC, N.O.S. (contains carbendazim).

UN 2902; Class 6.1; Packing group III

Packaging: 1-5 litres in low-density polyethylene containers.

15. REGULATORY INFORMATION



T TOXIC

contains 500 g/l carbendazim
R46 May cause heritable genetic damage
R60 May impair fertility
R61 May cause harm to the unborn child



N DANGEROUS FOR
THE ENVIRONMENT

R50/R53 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.

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

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

S53 Avoid exposure - obtain special instructions before use.

S60 This material and its container must be disposed of as hazardous waste.

The product is approved under the Control of Pesticides Regulations 1986.

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

16. OTHER INFORMATION

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