

CLAYTON

PLANT PROTECTION

CLAYTON COLDSTREAM

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Coldstream MAPP 12724
For use only as an agricultural plant growth regulator.

Marketing company

Clayton Plant Protection (UK) Ltd.,
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chloromequat chloride	400 g/l	CA 999-81-5	Xn	R 21/22
Manganese EDTA	26 g/l	CA 15375-84-5	-	-

3. HAZARDS IDENTIFICATION

Human Ingestion: harmful
Skin: harmful

4. FIRST AID

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.
If swallowed: do not induce vomiting; 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. Product is not flammable, but packaging will burn. Do not breathe smoke. Toxic fumes may be released. 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 as appropriate to the situation. 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 gloves when handling the concentrate.
Wash concentrate from skin or eyes immediately.
When using do not eat, drink or smoke. Do not breathe spray.
Wash hands and exposed skin before meals and after work.
If you feel unwell, seek medical advice (show the label where possible).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	light-amber liquid
Odour:	characteristic, fish-like
Flash point:	not flammable
Oxidising properties:	none
Relative density:	1.2 at 20°C
Water solubility:	more than 1 kg/kg

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Chlormequat corrodes some metals.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: 807 mg chlormequat/kg

Acute dermal LD₅₀ for rat: > 4000 mg chlormequat/kg

Acute inhalation LC₅₀ > 5.2 mg chlormequat/litre air

Skin sensitisation: not a skin sensitiser

12. ECOLOGICAL INFORMATION

Chlormequat is rapidly degraded in soil under warm, moist, aerobic conditions.

LC₅₀ (96-hour) for rainbow trout: > 100 mg chlormequat/litre

Daphnia LC₅₀ (48-hour): 16.9 mg chlormequat/l

Algae EC₅₀ (72-hour): > 100 mg chlormequat/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

CORROSIVE LIQUID, N.O.S. (contains chlormequat chloride).

UN 1760; Class 8; Packing group III

Packaging: 5-20 litres in high-density polyethylene containers.

15. REGULATORY INFORMATION



contains 400 g/l chlormequat with 26 g/l manganese as MnEDTA

R21/22 Harmful in contact with skin and if swallowed

HARMFUL

S2 Keep out of the reach of children.

S37 Wear suitable gloves.

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

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

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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