

CLAYTON

PLANT PROTECTION

CLAYTON BELSTONE SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Belstone MAPP 14033
For use only as an agricultural herbicide.

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

Bifenox	41.6 % w/w	CA 42576-02-3	N	R 50/53
Propane-1,2-diol	1-10 % w/w	CA 57-55-6	-	-

3. HAZARDS IDENTIFICATION

Human	Low hazard
Environmental	Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

4. FIRST AID

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

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 and keep warm; seek immediate medical attention if inhalation is suspected.

If swallowed: do not induce vomiting; wash mouth with water; seek medical attention immediately 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. 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 overall, face protection, rubber boots and suitable protective gloves as appropriate to the situation. Keep unprotected persons and animals away. 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.

When using, do not eat, drink or smoke.

Wash concentrate from skin or eyes immediately.

Wash hands and exposed skin before eating and drinking and after work.

Occupational exposure standards: Propane-1,2-diol (vapour and particulates)

long-term exposure limit (8-hour TWA ref. period) = 474 mg m⁻³ or 150 ppm.

short-term exposure limit (15-minute ref. period) = not determined

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid, suspension concentrate
Flash point: none
Density: 1.175 g/ml at 20°C
pH: n.k.
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.

11. TOXICOLOGY

Acute oral LD ₅₀ for rat:	>5000 mg/kg
Acute dermal LD ₅₀ for rat:	>2000 mg/kg
Acute inhalation LC ₅₀ (4 hour) for rat:	>4 mg/litre air
Eye irritancy (rabbit):	Mild irritant
Skin irritancy (rabbit):	Non-irritant
Skin sensitisation	Negative

12. ECOLOGICAL INFORMATION

LC ₅₀ (96 hour) for rainbow trout:	28.3 mg per litre
Daphnia LC ₅₀ (48-hour)	34.8 mg per litre
Algae EC ₅₀ (72-hour):	0.0007 mg 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 bifenthrin).
UN 3082; Class 9; Packing group III

15. REGULATORY INFORMATION



N DANGEROUS
FOR THE
ENVIRONMENT

Contains 480 g/l bifenthrin

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

S29/35 Do not empty into drains; dispose of this material and its container in a safe way.

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

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

16. OTHER INFORMATION

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