

CLAYTON

PLANT PROTECTION

CLAYTON DENT 480 SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Dent 480 MAPP 15546
For use only as an agricultural/horticultural herbicide.

Marketing company

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Bentazone	40-45 % w/w	CA 025057-89-0	Xn, Xi	R 22, 36, 43, 52/53
Sodium hydroxide	1-10 % w/w	CA 001310-73-2	C	R 35

3. HAZARDS IDENTIFICATION

Human Ingestion: harmful
Skin: may cause sensitisation
Environmental Harmful 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 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.
Inhalation: remove to fresh air; seek medical attention for any apparent symptoms.
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. Product is not ordinarily 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 coverall, 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 clothing (coveralls) and suitable protective gloves when handling the concentrate. Wash concentrate from skin or eyes immediately.
Do not breathe spray.
When using, do not eat, drink or smoke.
Wash hands and exposed skin before meals and after work.
If you feel unwell, seek medical advice (show label where possible).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	brown liquid
Odour:	weak
Flash point:	not flammable
pH:	8.1
Relative density:	1.19 at 20°C
Water solubility:	fully miscible with water

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:	>1000 mg bentazone/kg
Acute dermal LD ₅₀ for rat:	> 2500 mg bentazone/kg
Acute inhalation LC ₅₀ (4 hour) rabbit:	>5.1 mg bentazone per litre air
Skin irritation:	Moderately irritating
Sensitisation:	Potential skin sensitiser

12. ECOLOGICAL INFORMATION

LC ₅₀ (96 hour) for rainbow trout:	>100 mg bentazone/l
Daphnia LC ₅₀ (48-hour):	125 mg bentazone/l
Algae EC ₅₀ (72-hour)	47.3 mg bentazone/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

Not classified as dangerous for road and rail transport; apply standard transport safety procedures.

15. REGULATORY INFORMATION



Contains 480 g/l bentazone

R22 Harmful if swallowed

R43 May cause sensitisation by skin contact

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 Keep out of the reach of children.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

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 Plant Protection Products Regulations (as amended).

16. OTHER INFORMATION

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