

CLAYTON

PLANT PROTECTION

CLAYTON BENSON

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Benson MAFF 08687
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

Methabenzthiazuron 70 % w/w CA 18691-97-9 N R 50/53

3. HAZARDS IDENTIFICATION

Human Ingestion: low toxicity
Skin: low toxicity

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 advice if any 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.

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 can produce a dust explosion. 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 the Environment Agency/Scottish Environment Protection if product enters surface or ground waters. Cover spillage with sand. Sweep up all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep in original container, tightly closed, in a safe place. Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wash concentrate from skin or eyes immediately. Do not breathe spray.

Wash hands and exposed skin before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: off-white powder

Flammability: might produce a dust explosion

Vapour pressure: 1.5×10^{-2} mPa at 25°C

Oxidising properties: none

Water solubility: methabenzthiazuron- 59 mg/litre at 20°C; product disperses in water.

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: > 2500 mg/kg

Acute dermal LD₅₀ for rat: > 5000 mg/kg

Not irritating to skin or eyes.

12. ECOLOGICAL INFORMATION

Strongly absorbed by soil. Activity persists for about 3 months.

LC₅₀ (96-hour) for rainbow trout: 22.7 mg/litre

LC₅₀ (48-hour) for *Daphnia magna*: 43.7 mg/litre

Not toxic to bees.

13. DISPOSAL

Product: dispose of via an authorised disposal contractor.

Containers: burn in a hot fire, keeping all persons clear of smoke, or 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, SOLID, N.O.S. (contains methabenzthiazuron).

UN 3077; Class 9; Packing Group III.

Packaging: heavy-duty foil-lined paper bag containing 2.25-4.5 kg.

15. REGULATORY INFORMATION



contains 70 % w/w methabenzthiazuron

N DANGEROUS FOR THE ENVIRONMENT

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

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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