

CLAYTON

PLANT PROTECTION

CLAYTON FENICAN 550

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Fenican 550 MAPP 11160

For use only as an agricultural herbicide.

Marketing company

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

Diflufenican	50 g/l	CA 83164-33-4	-	R 52/53
Isoproturon	500 g/l	CA 34123-59-6	Xn, N	R 22,40, 50/53
1,2 Propanediol	>1 -<5 g/l	CA 57-55-6	-	-

3. HAZARDS IDENTIFICATION

Human Limited evidence of a carcinogenic effect.

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 attention 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.

If swallowed: do not induce vomiting; rinse mouth with water; seek medical attention and show the container label or this datasheet. There are no specific antidotes; treat symptomatically.

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. 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. 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 in original container, tightly closed, in a safe place.

Store in a cool, dry place out of direct sunlight. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate or contaminated surfaces.

Wear suitable protective clothing (coveralls) when applying by vehicle mounted/drawn equipment.

Wash concentrate from skin or eyes immediately.

Do not breathe spray. Wash hands before meals and after work.

Occupational exposure standards for co-formulant 1,2 propanediol:

long-term exposure limit (8-hour TWA ref. period)

vapour and particulates = 474 mg m⁻³

particulates only = 10 mg m⁻³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: off-white liquid
Flammability: non-flammable
Relative density: 1.09 at 20°C
pH of 1 % aqueous suspension: 9.1
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 LD ₅₀ for rat:	>2000 mg/kg.
Acute dermal LD ₅₀ for rat:	>2000 mg/kg.
Irritancy (rabbit):	Non-irritant to skin and eye.
Sensitisation (guinea pig):	Non-sensitising

12. ECOLOGICAL INFORMATION

LC ₅₀ (96-hour) for rainbow trout:	74 mg/l
Daphnia LC ₅₀ (48-hour):	378 mg/l
Algae EC ₅₀ (72-hour)	18 µg/l

13. DISPOSAL

Product: dispose of via an authorised disposal contractor.
Containers: crush and bury 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 TRANSPORT

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains isoproturon and diflufenican). UN 3082 Class 9 Packing group III
Packaging: 1-10 litres in high-density polyethylene containers.

15. REGULATORY INFORMATION



Xn HARMFUL

contains 50 g/l diflufenican and 500 g/l isoproturon
R40 Limited evidence of a carcinogenic effect



N DANGEROUS
FOR THE
ENVIRONMENT

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

S37/39 Wear suitable gloves and eye/face protection
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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