

CLAYTON

PLANT PROTECTION

CLAYTON EDGE

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Edge MAPP 12911

For use only as an agricultural fungicide.

Marketing company

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

Prothioconazole	8.8% w/w	CA 178928-70-6	N	R 51/53
Fluoxastrobin	8.8% w/w	CA 361377-29-9	N	R 50/53
Gamma-butyrolactone	36.3% w/w	CA 96-48-0	Xn	R 22, 36
2-Ethylhexanol propylene ethyleneglycol ether	15% w/w	CA 64366-70-7	Xn	R 20, 52/53
Alkarylpolyglycol ether	5% w/w	CA 104376-75-2		R 52/53
Citric acid	1% w/w	CA 77-92-9	Xi	R 36

3. HAZARDS IDENTIFICATION

Human Low hazard

Environmental 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.

Skin: wash exposed skin and hair with water, then with soap and water. If the patient feels unwell, seek medical advice.

Inhalation: remove patient to fresh air; keep patient warm; seek medical attention.

If swallowed: do not induce vomiting. Wash mouth with water; seek immediate 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. Toxic fumes may be released on heating. 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 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 out of direct sunlight. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective gloves when handling the concentrate.

Wash any contamination from skin or eyes immediately.

When using do not eat, drink or smoke.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear to hazy, yellow-brown liquid
Odour: aromatic
Flash point: 105°C
Oxidising properties: none
pH (1% emulsion in water): 4-5
Relative density: 1.14 at 20°C
Water solubility: miscible in all proportions

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >2000 mg/kg
Acute dermal LD₅₀ for rat: >2000 mg/kg
Acute inhalation LC₅₀ (4 hour) for rat: >5.07 mg/litre air
Eye irritation: non-irritant
Skin irritation: non-irritant
Skin sensitisation: negative (guinea-pig)

12. ECOLOGICAL INFORMATION

Fish LC₅₀ (96-hour) for rainbow trout: 3.29 mg/l
Daphnia LC₅₀ (48-hour): 6.9 mg/l
Algae EC₅₀ (72-hour): 13 mg/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

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (contains fluoxastrobin and prothioconazole solution). UN 3082; Class 9; Packing Group III. (Marine pollutant)
Packaging: 1-10 litres in internally lined high-density polyethylene containers.

15. REGULATORY INFORMATION



N DANGEROUS FOR
THE ENVIRONMENT

contains 100 g/l fluoxastrobin and 100 g/l prothioconazole in an emulsifiable concentrate with gamma-butyrolactone and 2-ethylhexanol propylene ethyleneglycol ether

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 Keep out of the reach of children.
S13 Keep away from food, drink and animal feedingstuffs.
S35 This material and its container must be disposed of in a safe way.
S37 Wear suitable protective gloves.

The product is approved under the Plant Protection Products Regulations (as amended).
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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