

CLAYTON

PLANT PROTECTION

CLAYTON IMPASSE

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Impasse MAPP 12520
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

Isoproturon	44.6 %	CA 34123-59-6	Xn, N	R 40, 50/53
Ethane-1,2-diol	4.5-10 %	CA 107-21-7	Xn	R 22
Sodium alkylether phosphate	>1 %	-	Xi	R 36, 38

3. HAZARDS IDENTIFICATION

Human Limited evidence of a carcinogenic effect.
Skin: irritant; may cause sensitisation.

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.

Inhalation: remove to fresh air; seek medical attention for any apparent symptoms.

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 coverall, 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 out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

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

Store in a cool, dry place out of direct sunlight. Protect from frost – store above 5°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Wash concentrate from skin or eyes immediately.

Wash hands and exposed skin before meals and after work.

Occupational exposure standards: Ethane-1,2-diol

long-term exposure limit (8-hour TWA ref. period) = vapour 52 mg m⁻³; particulate 10 mg m⁻³
short-term exposure limit (15-minute ref. period) = vapour 104 mg m⁻³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: opaque, grey-white liquid

Flammability: non-flammable

Oxidising properties: none

pH: 7.8

Water solubility: miscible in all proportions

Density: 1.12 g/ml at 20°C

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >5000 mg /kg.

Acute dermal LD₅₀ for rat: >2000 mg/kg.

Acute inhalation LC₅₀ (4 hour) rat: 1.34 mg per litre air

12. ECOLOGICAL INFORMATION

Degradation DT₅₀ in soil: circa 6-28 days

Acute oral LD₅₀ Japanese quail: >3000 mg/kg

LC₅₀ (96-hour) for rainbow trout: 309 mg/l

Daphnia LC₅₀ (48-hour): >1000 mg/l

Algae EC₅₀ (72-hour): 0.1 mg/l

Bee oral LD₅₀ (48-hour): >50 µg/bee

Earthworm LC₅₀ (14-day): >1000 mg/kg soil

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 isoproturon).

UN 3082; Class 9; Packing group III (Marine pollutant)

Packaging: 5-10 litres in high-density polyethylene containers.

15. REGULATORY INFORMATION



Xn HARMFUL

contains 500 g/l isoproturon

R38 Irritating to skin

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitisation by skin contact.



N DANGEROUS FOR
THE ENVIRONMENT

R50/R53 Very 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.

S36/37/39 Wear suitable protective clothing, 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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