

CLAYTON

PLANT PROTECTION

CLAYTON MAZARAC

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Mazarac MAPP 11161
For use only as an agricultural herbicide.

Marketing company

Clayton Plant Protection (UK) Ltd.,
Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland.
Tel: (00 353) 1 8210127 Fax: (00 353) 1 8217747

2. COMPOSITION/INFORMATION ON INGREDIENTS

Metazachlor	375 g/l	CA 67129-08-2	Xi, N	R 43, 50/53
Quinmerac	125 g/l	CA 90717-03-6	-	R 52

3. HAZARDS IDENTIFICATION

Human	Ingestion:	low toxicity
	Skin:	may cause sensitisation
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 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: do not induce vomiting; 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 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 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 gloves when handling the concentrate or contaminated surfaces.

Avoid all contact with skin.

Wash concentrate from skin or eyes immediately.

When using do not eat, drink or smoke.

Do not breathe spray.

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

Maximum exposure limits and occupational exposure standards: none set

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	white, liquid suspension concentrate
Odour:	faint aromatic
Flash point:	not flammable
Relative density:	1.16 at 20°C
pH (1% in water):	2.5 – 4.5
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:	>2000 mg/kg
Acute dermal LD ₅₀ for rat:	>2000 mg/kg
Acute inhalation LC ₅₀ (4 hour) rat:	>5.7 mg/litre air
Skin irritancy:	May cause sensitisation
Eye irritancy:	Non-irritant
Sensitisation:	Potential skin sensitiser

12. ECOLOGICAL INFORMATION

LC ₅₀ (96 hour) for rainbow trout:	22 mg/l
Algae EC ₅₀ (72-hour)	0.043 mg/l
Daphnia LC ₅₀ (48-hour):	>100 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 TRANSPORT

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains metazachlor).

UN 3082; Class 9; Packing group III

Packaging: 1-10 litres in high-density polyethylene containers.

15. REGULATORY INFORMATION



Xi IRRITANT

contains 375 g/l metazachlor and 125 g/l quinmerac

R43 May cause sensitisation by skin contact



N DANGEROUS FOR
THE ENVIRONMENT

R50/53 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.

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 Regulations (COSHH) may apply to the use of the product at work.

The product is approved under the Control of Pesticides Regulations 1986.

16. OTHER INFORMATION

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