

# CLAYTON

PLANT PROTECTION

## CLAYTON METAZACHLOR

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Clayton Metazachlor MAPP 09688  
For use only as an agricultural/horticultural/forestry 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 500 g/l CA 167129-08-2 Xi, N R 43, 50/53

### 3. HAZARDS IDENTIFICATION

Human Ingestion: moderate-low toxicity  
Skin: irritant; 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 and face protection (faceshield) when handling the concentrate.  
Wear suitable protective clothing (coveralls), suitable protective gloves and rubber boots when applying the product through a knapsack sprayer.  
Wear suitable protective gloves when handling the spray boom or adjusting nozzles.  
Wash concentrate from skin or eyes immediately.  
Do not breathe spray. When using do not eat, drink or smoke.  
Wash hands and exposed skin before meals and after work.  
If you feel unwell, seek medical advice (show label where possible).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: grey-brown liquid suspension concentrate  
Odour: faint  
Flash point: not flammable  
Vapour pressure: 0.093 mPa at 20°C  
Relative density: 1.16 at 20°C  
pH: pH 5.7 (1% suspension in water)  
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<sub>50</sub> for rat: 1000 mg/kg  
Acute dermal LD<sub>50</sub> for rat: >4000 mg/kg  
Acute inhalation LC<sub>50</sub> (4 hour) rat: >6.2 mg/litre air  
Sensitisation: Potential skin sensitiser (guinea pig)

## 12. ECOLOGICAL INFORMATION

DT<sub>50</sub> in soil (lab): 1-23 days  
Acute oral LD<sub>50</sub> for bobwhite quail: >2000 mg/kg  
LC<sub>50</sub> (96 hour) for rainbow trout: 10-15 mg/l  
Daphnia LC<sub>50</sub> (48-hour): >100 mg/l  
Algae EC<sub>50</sub> (72-hour): 0.021 mg/l  
Bees: not toxic

## 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 AND RAIL 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



Xn HARMFUL

contains 500 g/l metazachlor  
R22 HARMFUL if swallowed  
R38 IRRITATING to skin  
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.

S24/25 Avoid contact with skin and eyes

S37/39 Wear suitable gloves and eye/face protection

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

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

The Control of Substances Hazardous to Health (COSHH) Regulations 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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