

# CLAYTON

PLANT PROTECTION

## CLAYTON LENAFLO

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Clayton Lenaflo MAPP 11031  
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

Lenacil	39-40 % w/w	CA 2164-08-1	Xi, N	R 36/37/38, 50/53
Ethanediol	<5 % w/w	CA 107-21-1	Xn	R22

### 3. HAZARDS IDENTIFICATION

Human Skin: irritant  
Eyes: irritant  
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 persists.  
**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.  
**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 coverall, 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. Cover spillage with sand. Sweep up all contaminated material and any heavily contaminated surrounding soil 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.  
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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: off-white opaque liquid

Flash point: not flammable

Oxidising properties: none

Density: 1.120 g/ml at 20°C

Water solubility: lenacil - 6 mg/litre at 25°C; product is miscible with water.

## 10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures.

## 11. TOXICOLOGY

Acute oral LD<sub>50</sub> for rat: > 11000 mg a.i./kg

Acute dermal LD<sub>50</sub> for rat: > 5000 mg a.i./kg

Acute inhalation LC<sub>50</sub> > 5.2 mg a.i./litre air

## 12. ECOLOGICAL INFORMATION

LC<sub>50</sub> (96-hour) for rainbow trout: >2 mg a.i./l

Daphnia LC<sub>50</sub> (48-hour): >3.5 mg a.i./l

Algae EC<sub>50</sub> (72-hour): 0.0084 mg a.i./l

Dietary LC<sub>50</sub> (8-day) for bobwhite quail: 2300 mg a.i./kg of diet

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 lenacil).

UN 3082 Class 9 Packing group III

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

## 15. REGULATORY INFORMATION



IRRITANT

contains 440 g/l lenacil  
R36/38 Irritating to eyes and skin.



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.

S37/39 Wear suitable gloves and eye/face protection

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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