

LANDGOLD CLOMAZONE 360

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Landgold Clomazone 360 MAPP 13074

For use only as an agricultural herbicide.

Marketing company

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Clomazone	34.8 % w/w	CA 81777-89-1	Xn	R 20/22, 52
Sodium nitrate	4.5 % w/w	CA 7631-99-4	Xn, Xi	R 8, 22, 36/37/38
Calcium chloride	4.5 % w/w	CA 10043-52-4	Xi	R 36
5-chloro-2-methyl-4-isothiazolin-3-one	-	CA 55965-84-9	Xi	R 43

3. HAZARDS IDENTIFICATION

Human: Skin – may cause sensitisation

Environmental: Low hazard.

4. FIRST AID

Remove all contaminated clothing. Prevent all exertion.

Eyes: flush immediately with plenty of water for at least 15 minutes. Seek medical attention.

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

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

If swallowed: do not induce vomiting; seek immediate medical attention. Show the product 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. 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.

6. ACCIDENTAL RELEASE

Wear coverall, rubber boots, suitable protective gloves and faceshield. Contain spillage, particularly to prevent contamination of water. Inform the Environment Agency or Scottish Environment Protection Agency if spillage enters surface or ground waters. Do not flush with water. Absorb with pumice, vermiculite, sand or earth. Collect all contaminated material and place in covered, labelled containers for disposal. Residual material may be neutralised with 20% solution of potassium hydroxide in methanol.

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 extremes of temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing (coveralls) and suitable protective gloves when handling the concentrate.

Avoid contact with skin.

Wash concentrate from skin or eyes immediately.

When using do not eat, drink or smoke.

Wash hands before eating and drinking and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: brown liquid

Odour: slight aromatic

Flash point: >98 °C

pH (1 % in water): 8.8

Density: 1.16 g/ml at 20°C

Water solubility: miscible in all proportions

10. STABILITY AND REACTIVITY

Stable in packaging as supplied and in air at ordinary temperatures. Keep only in original packaging.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >2000 mg/kg

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

Inhalation LC₅₀ (4-hour) for rat: >5.2 mg per litre of air.

Eye irritancy (rabbit): non-irritant

Skin irritancy (rabbit): non-irritant

Skin sensitisation: contains 5-chloro-2-methyl-4-isothiazolin-3-one; may cause sensitisation.

12. ECOLOGICAL INFORMATION

Fish LC₅₀ (96-hour) rainbow trout: 592 mg per litre.

Algae: EC₅₀ (96-hour): 160mg per litre

Daphnia: LC₅₀ (48-hour): 491 mg per litre

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

Not classified as dangerous for road and rail transport.

15. REGULATORY INFORMATION



Xi IRRITANT

contains 360 g/l clomazone with 5-chloro-2-methyl-4-isothiazolin-3-one

R43 May cause sensitisation by skin contact

S2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feedingstuffs.

S37 Wear suitable gloves.

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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