

CLAYTON

PLANT PROTECTION

CLAYTON PROPEL

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Propel MAFF 09783
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

Propyzamide 50 % w/w CA 23950-58-5 Xn, N R 40, 50/53

3. HAZARDS IDENTIFICATION

Human Limited evidence of a carcinogenic effect.
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 irritation persists.
Skin: wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.
If swallowed: wash mouth with water; seek medical attention and show the container label or this datasheet. 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 overall, 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. Collect up all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep out of reach of children.
Keep in original container, tightly closed, in a safe place.
Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing and gloves.
Wash hands before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: off-white powder

Flammability: non-flammable

Oxidising properties: none

Water solubility: 15 mg propyzamide per litre at 25°C; disperses in water.

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >5000 mg/kg

Acute dermal LD₅₀ for rabbit: >2000 mg/kg

Acute inhalation LC₅₀ for rat 5 mg a.i./litre air

Mild eye irritant; mild skin irritant.

Not a skin sensitiser.

12. ECOLOGICAL INFORMATION

Degraded in soil; DT₅₀ = circa 30 days at 25°C; longer persistence under cool conditions.

Dietary LC₅₀ (8-day) bobwhite quail and mallard duck >10000 ppm propyzamide

LC₅₀ (96-hour) rainbow trout = 4.7 mg a.i./l

Daphnia LC₅₀ (48-hour): >5.6 mg a.i./l

Algae EC₅₀ (96-hour): 5.8 mg a.i./l

Not toxic to bees; LD₅₀ >100µg a.i./bee

13. DISPOSAL

Product: dispose of via an authorised disposal contractor.

Containers: incinerate in a hot fire, keeping all persons and property clear of smoke or dispose of via an authorised disposal contractor.

Consult also 'Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings'.

14. ROAD AND RAIL TRANSPORT

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains propyzamide).

UN 3077; Class 9; Packing group III

Packaging: 3 kg in polyethylene bag in cardboard carton.

15. REGULATORY INFORMATION



Xn HARMFUL

contains 50 % w/w propyzamide
R40 Limited evidence of a carcinogenic effect



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.

S36/37 Wear suitable protective clothing and gloves

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

Issued: revised August 2004