

# CLAYTON

PLANT PROTECTION

RHIZEUP

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Rhizeup MAPP 15043

For use only as an agricultural/horticultural/industrial/forestry/aquatic herbicide

Clayton Plant Protection (UK) Ltd.

Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland.

Tel: (00 353) 1 8210127 Fax: (00 353) 818 411084

### 2. HAZARDS IDENTIFICATION

Environmental: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

N-(phosphonomethyl) glycine with 2-propylamine	41.5 % w/w	CA 38641-94-0	EC 254-056-8	N	R 51/53
Tallow alkylamine ethoxylate	15.5 % w/w	CA 61791-26-2	-	Xn	R 22, 41, 51/53
Other ingredients	To 100 %	-	-	-	-

### 4. FIRST AID MEASURES

**Skin:** remove contaminated clothing; rinse exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.

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

**Inhalation:** remove patient to fresh air. Apply artificial respiration if necessary. Seek immediate medical attention.

**Ingestion:** do not induce vomiting, rinse mouth with water; seek immediate medical attention and show the container label or this datasheet.

Guide to Doctor: there are no specific antidotes; treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Wear full protective clothing, goggles and respirator. Call fire brigade for all but small, immediately controllable fires. Toxic fumes may be evolved on heating. Avoid breathing smoke. Keep containers cool by spraying with water. Remove intact containers if without risk. 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 with sand or earth.

### 6. ACCIDENTAL RELEASE MEASURES

Wear coverall, rubber boots and suitable protective gloves. Keep people and animals away. Contain spillage, particularly to prevent contamination of water. Inform local water plc immediately if spillage enters drains. Inform the Environment Agency or Scottish Environment Protection Agency if spillage enters surface or ground waters. Absorb into sand, sawdust or other inert material. Collect all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

### 7. HANDLING AND STORAGE

Keep in original container, tightly closed, in a safe place. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Store in a cool, dry place out of direct sunlight. Protect from extremes of temperature.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wear suitable protective gloves 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 eating and drinking and after work.

Wash all protective clothing thoroughly after use, especially the insides of gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid  
Odour: Faint amine  
Flash point: None  
Oxidising properties: None  
pH: 5.0 at 25°C  
Density: 1.175 g cm<sup>-3</sup> at 20°C  
Water solubility: Product is miscible with water in all proportions

## 10. STABILITY AND REACTIVITY

Stable in packaging and in air. Keep in original packaging. Reacts with galvanised steel and unlined mild steel with the release of hydrogen giving rise to an explosion hazard. Do not store or mix in galvanised steel or unlined mild steel containers.

## 11. TOXICOLOGICAL INFORMATION

Acute oral LD<sub>50</sub> for rat: >5000 mg/kg.  
Acute dermal LD<sub>50</sub> for rabbit: >5000 mg/kg.  
Inhalation LC<sub>50</sub> (4-hour) for rat: >5.12 mg per litre of air.  
Skin irritation: non-irritant  
Eye irritation: moderate eye irritant  
Skin sensitisation (guinea-pig): negative

## 12. ECOLOGICAL INFORMATION

LC<sub>50</sub> (96-hour) rainbow trout: 8.2 mg/litre  
EC<sub>50</sub> (48-hour) Daphnia: 11.0 mg/litre  
EC<sub>50</sub> (72-hour) algae: 8.0 mg/litre  
LD<sub>50</sub> Birds (mallard duck) : >5000 mg/kg

## 13. DISPOSAL CONSIDERATIONS

Product: dispose of via an authorised disposal contractor.  
Containers: dispose of non-returnable containers 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 glyphosate isopropylamine and polyoxyethyleneamine). UN 3082; Class 9; Packing group III

## 15. REGULATORY INFORMATION



N DANGEROUS FOR  
THE ENVIRONMENT

Contains 480 g/litre (41.5% w/w) isopropylamine salt and polyoxyethyleneamine surfactant.

R51/R53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 Keep out of the reach of children.

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

S57 Use appropriate containment to avoid environmental contamination

The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of the product at work.

This product is approved under the Plant Protection Products Regulations (as amended).

## 16. OTHER INFORMATION

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