

# CLAYTON

PLANT PROTECTION

## CLAYTON STANDUP

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Clayton Standup MAPP 11760  
For use only as an agricultural/horticultural plant growth regulator.

#### Marketing company

Clayton Plant Protection (UK) Ltd.,  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chlormequat chloride 700 g/l CA 999-81-5 Xn R 21/22

### 3. HAZARDS IDENTIFICATION

Human Ingestion: harmful if swallowed

Environmental Harmful 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 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 when handling the concentrate.

Wash concentrate from skin or eyes immediately.

When using do not eat, drink or smoke.

Do not breathe spray.

Wash hands and exposed skin before meals and after work.

If you feel unwell, seek medical advice (show the label where possible).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colourless to light-amber liquid  
Odour: characteristic, fish-like  
Flash point: not flammable  
Vapour pressure: less than 0.01 mPa at 20°C  
Oxidising properties: none  
Density: 1.13 gcm<sup>-3</sup> at 20°C  
Water solubility: more than 1 kg/kg

## 10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures.

## 11. TOXICOLOGY

Acute oral LD<sub>50</sub> for rat: >550 mg/kg  
Acute dermal LD<sub>50</sub> for rat: > 2000 mg/kg  
Acute inhalation LC<sub>50</sub> > 0.71 mg/litre air  
Skin irritation: not irritating  
Eye irritation: not irritating  
Skin sensitisation: negative

## 12. ECOLOGICAL INFORMATION

Rapidly degraded in soil under warm, moist, aerobic conditions.  
LC<sub>50</sub> (96-hour) for rainbow trout: > 430 mg/litre  
Daphnia LC<sub>50</sub> (48-hour): >31.7 mg/l  
Algae EC<sub>50</sub> (72-hour): >661 mg/l  
Not toxic to bees.

## 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

CORROSIVE LIQUID, N.O.S. (contains chlormequat chloride 62%).  
UN 1760; Class 8; Packing group III  
Packaging: 1-20 litres in high-density polyethylene containers.

## 15. REGULATORY INFORMATION



Xn HARMFUL

contains 700 g/l chlormequat chloride

R22 Harmful if swallowed

R52/R53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 Keep out of the reach of children.

S7 Keep containers tightly closed.

S13 Keep away from food, drink and animal feedingstuffs.

S36/37 Wear protective clothing and eye/face protection.

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

S46 If swallowed, seek medical advice immediately and show this container or label

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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