

# CLAYTON

PLANT PROTECTION

## CLAYTON ERASE

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Clayton Erase MAPP 13836  
For use only as an agricultural fungicide.

### 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

Metalaxyl-M	4 % w/w	CA 70630-17-0	Xn	R 22, 41
Mancozeb	64 % w/w	CA 8018-01-7	Xi	R 37, 43
Naphthalenesulfonic acid, dibutyl-, sodium salt	1-8 % w/w	CA 25417-20-3	Xn	R 20/22, 36/38

### 3. HAZARDS IDENTIFICATION

Human Possible risk of harm to the unborn child.  
Skin: may cause sensitisation  
Inhalation: irritant

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 immediate medical attention.  
Skin: wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.  
Inhalation: remove patient to fresh air; keep warm and at rest; seek immediate medical attention.  
If swallowed: do not induce vomiting; wash mouth with water; seek immediate 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 and 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. Avoid pulverising granules or creating dust. 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.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective gloves when handling the concentrate or contaminated surfaces.  
Wash concentrate from skin or eyes immediately.  
When using, do not eat, drink or smoke. Wash hands and exposed skin before eating and drinking and after work.

Occupational exposure standards:

Mancozeb (for manganese compounds as Mn):

long-term exposure limit (8 hour TWA ref. period) = 5 mg m<sup>-3</sup>

short-term exposure limit (10-minute ref. period) = not determined

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light yellow-brown granules  
Flammability: not classified as flammable  
Explosive properties: not explosive but will form flammable dust clouds  
Oxidising properties: none  
Water solubility: granules readily disperse in water

## 10. STABILITY AND REACTIVITY

Stable in packaging as supplied. Stable in air at ordinary temperatures over the short-term. Mancozeb is slowly decomposed by heat and moisture.

## 11. TOXICOLOGY

Acute oral LD <sub>50</sub> for rat:	>2000 mg/kg
Acute dermal LD <sub>50</sub> for rat:	>2000 mg/kg
Skin irritation for rabbit:	Non-irritant
Eye irritation for rabbit:	Non-irritant
Skin sensitisation for guinea-pig:	Positive

## 12. ECOLOGICAL INFORMATION

LC <sub>50</sub> (96 hour) for rainbow trout	c. 0.54 mg/l
Daphnia LC <sub>50</sub> (48-hour)	c. 1.2 mg/l
Algae EC <sub>50</sub> (72-hour)	c. 0.99 mg/l

## 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

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains mancozeb).  
UN 3077; Class 9; Packaging group III

## 15. REGULATORY INFORMATION



Xn HARMFUL

Contains 4 % w/w metalaxyl-M and 64 % w/w mancozeb

R37 Irritating to respiratory system  
R43 May cause sensitisation by skin contact  
R63 Possible risk of harm to the unborn child



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.  
S35 This material and its container must be disposed of in a safe way.  
S36/37 Wear suitable protective clothing and 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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