

CLAYTON

PLANT PROTECTION

CLAYTON KRYPTON WDG

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Krypton WDG MAPP 15497

For use only as an agricultural fungicide.

Marketing company

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2. HAZARDS IDENTIFICATION

Human Skin: may cause sensitisation
Inhalation: irritating to respiratory system
Environmental Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3. COMPOSITION/INFORMATION ON INGREDIENTS

Cymoxanil	5 % w/w	CA 57966-95-7	Xn, N	R 22, 43, 50/53
Mancozeb	68 % w/w	CA 8018-01-7	Xi, N	R 37, 43, 50/53
Dispersing agent	1-3 % w/w	-	Xi	R 36/38

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.

Inhalation: remove patient to fresh air; seek medical attention.

If swallowed: 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 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 coverall, 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/sweep 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. Keep away from fire or sparks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing and suitable protective gloves when handling the concentrate.

Wash concentrate from skin or eyes immediately.

Do not breathe dust or spray.

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⁻³

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: solid, granules, yellow-green
Flammability: not classified as flammable
Flash point: not applicable
Oxidising properties: none
pH (1% w/w in water): 5-6.5
Water solubility: slightly soluble; readily disperses in water

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures over the short-term. Slowly decomposed by heat and moisture. Product allowed to become wet or exposed to moist air may create a flammable vapour hazard of carbon disulphide. Do not carry over opened packs from one season to the next.

11. TOXICOLOGY

Acute oral LD ₅₀ for rat:	>2000 mg/kg
Acute dermal LD ₅₀ for rat:	>2000 mg/kg
Acute inhalation LC ₅₀ (4 hour) for rat	>5.06 mg/ cymoxanil per litre air >5.14 mg/ mancozeb per litre air
Skin irritation:	Not irritating
Eye irritation:	Not irritating
Respiratory effect:	Irritant
Skin sensitisation:	Positive

12. ECOLOGICAL INFORMATION

LC ₅₀ (96 hour) for fish	0.41 mg/litre
Daphnia LC ₅₀ (48-hour)	0.85 mg/litre
Algae EC ₅₀ (72-hour)	0.25 mg/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

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

15. REGULATORY INFORMATION



Xi IRRITANT

Contains 5 % w/w cymoxanil and 68 % w/w mancozeb

R37 Irritating to the respiratory system
R43 May cause sensitisation by skin contact



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.
S24 Avoid contact with skin.
S35 This material and its container must be disposed of in a safe way.
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 Plant Protection Products Regulations (as amended).

16. OTHER INFORMATION

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