



SAFETY DATA SHEET

CYMOCLEAN 714 WP

SDS:GHS/ISR/V1.0

Issue date: 21.02.2023

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Product name: Cymoclean 714 WP
Chemical name: Cymoxanil / Mancozeb
CAS No.: 57966-95-7 / 8018-01-7

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: pesticide for agricultural use

Details of the supplier of the safety data sheet

Supplier: Hallmark Chemicals BV
Wilhelminakade 173
3072 AP Rotterdam
The Netherlands
Tel. +44 20 8995 8391
Fax +44 20 8995 7639
Email info@hallmarkchem.com

Formulation site:

a. Hebei Shuangji Chemical Co. Ltd
Shijiazhuang, 052360,
Hebei province, China

b. Agria S.A.
Assenovgradsko shosse,
4009 Plovidiv, Bulgaria

Emergency telephone number

Tel: +44 20 8995 8391 (SDS support, 9.00-5.00 pm; Mon-Fri only, UK)

SECTION 2: HAZARDS IDENTIFICATION

Skin Sens.1
Skin Irrit. 2
Eye Irrit. 2
Repr. 2
Aq Chronic 1



Pictogram(s):

Signal word:

Warning

Hazard statement(s):

H315: Causes skin irritation
H317: May cause an allergic skin reaction



- H319: Causes serious eye irritation
H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
H410: Very toxic to aquatic life with long lasting effects

Precautionary statement(s):

- P260: Do not breathe dust
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P333+P313: IF SKIN irritation or rash occurs: Get medical advice/attention.
P501: Dispose of contents/container in accordance with local and national regulations

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (g/kg)	Signal word	H-Statement(s)
Cymoxanil	57966-95-7	142	Warning	H302, H317, H373, H361fd, H400, H410
Mancozeb	8018-01-7	572	Warning	H361d, H317, H400
Hexamethylenetetramine	100-97-0	<10	Warning	H228, H317

SECTION 4: FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre and follow the advice given. Show this Safety Data Sheet to the doctor.

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
- Skin contact:** Avoid contact with skin. Carefully remove contaminated clothing and footwear. Wash affected areas with large amounts of water for at least 10 minutes. Seek medical advice if concerned.
- Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. IF eye irritation persists: Get medical advice/attention.
- Ingestion:** If swallowed seek medical advice immediately and show the container, label or this Data sheet, if possible. Provided the person is conscious, wash out mouth with water. Do not induce vomiting.
- Treatment:** No specific antidote. Treat symptomatically.



SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media:	Water spray. Keep unexposed containers cool with water spray. Water jet is not recommended.
Specific Hazards from the product:	Combustion products are toxic and/or irritant. May produce toxic gases: NO _x , CO _x , CN.
Advice for fire fighters:	Fire-fighters should wear full protective gear, including self-contained breathing apparatus. Use water spray to cool containers. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear PPE as recommended in section 8. Avoid breathing dust. Ensure adequate ventilation. Avoid contact with spilled material or contaminated surfaces. Keep people and animals away and keep locked up.
Environmental precautions:	Prevent product from entering drains or water courses. Do not flush into water sources, drains or sewage systems. If product enters sewage or contaminates water sources, inform the relevant authorities.
Clean-up methods:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Wash the spillage area with water and adsorb onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 7: HANDLING AND STORAGE

Handling:	Use PPE as outlined in section 8. Avoid contact with skin, eyes and clothing. May irritate skin. Avoid breathing dust. After use and before eating, drinking, or smoking, wash hands, arms and face thoroughly with soap and water.
Storage:	Keep out of sight and reach of children Store in the closed original container, in a cool, dry, well-ventilated area, away from direct sunlight and sources of ignition. Keep away from food, drink and animal feeds. Avoid storing at freezing temperatures.
Incompatibility:	None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure limits: No OEL set for this product.



Engineering controls: Use only in well-ventilated areas. If necessary, use local exhaust ventilation to keep airborne concentration below exposure limits.

Personal protective equipment: Wear face shield or goggles.
Wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, heavy-duty shoes or boots.
Wear elbow length nitrile or neoprene rubber gloves.
If working in a poorly ventilated area or if occupational exposure levels are likely to be exceeded, wear a respirator with filter for vapours.
After each day's use, wash gloves, goggles or face shield, respirator if worn, and contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance:	Brown granules
b) Odour:	Faint
c) Odour threshold:	none set
d) pH:	6 - 9
e) Melting point/freezing point:	Not applicable (solid)
f) Boiling point/boiling range:	Decomposes before boiling
g) Flash-point:	Does not flash
h) Evaporation rate:	Not applicable (solid)
i) Flammability (solid/gas):	Not flammable
j) Upper/lower flammability or explosive limits:	n/a
k) Vapour pressure:	no data
l) Vapour density:	no data
m) Relative density:	0.6 g/cm ³
n) Solubility:	soluble
o) Partition coefficient:	no data
p) Auto-ignition temperature:	>360°C
q) Decomposition temperature:	no data
r) Viscosity:	Not applicable (solid)
s) Explosive properties:	Not explosive
t) Oxidising properties:	Not an oxidiser

SECTION 10: STABILITY AND REACTIVITY

Reactivity Stable under normal conditions of use. Will not polymerise.

Chemical stability The product is stable if stored and handled as prescribed /indicated.

Possibility of hazardous reactions No hazardous reactions when stored and handled according to instructions.

Conditions to avoid Sources of ignition and extreme heat.

Incompatible materials Strong oxidisers.



Hazardous decomposition

Products: Does not decompose at ambient temperature. Combustion or thermal decomposition will evolve toxic and irritant vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

(based on comparable formulation)

Oral toxicity:	LD ₅₀ rat: >2000-5000 mg/kg (GHS Cat. 5)
Dermal toxicity:	LD ₅₀ rat: >2000-5000 mg/kg (GHS Cat. 5)
Inhalation toxicity:	LC ₅₀ rat 4 h >4.0 mg/L (based on similar formulation)
Skin irritation:	Causes skin irritation
Eye irritation:	Causes serious eye irritation
Skin sensitisation:	May cause an allergic skin reaction

Some evidence of adverse effects on fertility and foetal development in humans based on tests performed on animals.

Not genotoxic or carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (comparable formulation)

Fish toxicity:	LC ₅₀ 96 h rainbow trout	0.46 mg/L
<i>Daphnia</i> toxicity:	EC ₅₀ 48 h <i>Daphnia magna</i>	0.71 mg/L
Algal toxicity:	LD ₅₀ 72 hr green algae	0.3 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product:	Dispose of waste product through an official waste contractor. Obtain advice from local waste regulation authority.
Contaminated packaging:	Triple- or pressure-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. Do not burn empty containers. Recycle, or return to supplier through local schemes if applicable. Disposal should be in accordance with local, state or national legislation.

Hallmark Chemicals bv

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SECTION 14: TRANSPORTATION INFORMATION

UN number:	3077		
UN Proper Shipping Name:	Environmentally hazardous substance, solid, N.O.S. (contains cymoxanil and mancozeb)		
Transport hazard class:	ADR/RID: 9	IMDG: 9	IATA: 9
Packaging group:	ADR/RID: III	IMDG: III	IATA: III
Environmental hazard:	ADR/RID: Yes	IMDG: Marine pollutant: Yes	IATA: Yes

SECTION 15: REGULATORY INFORMATION

No additional regulatory information required for this product

SECTION 16: OTHER INFORMATION

H-statements:

H228	Flammable solid
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

No liability is accepted for any injury, loss, damage or cost arising directly or indirectly from the use of the product or from the use of information contained within the safety data sheet since the customer's handling of the product is necessarily beyond our control. The supplied data are based on current knowledge and experience. This safety data sheet is intended to describe our product in terms of safety requirements. The customer should determine by appropriate trials that the product is suitable for his intended use.

Sections 9, 11 and 12 based on available EU and Almandine SA Corporation data

Mixture classified based on own data and harmonized classification

GHS format

Supersedes copy issued: N/A

Changes since previous version: N/A