



**SAFETY DATA SHEET**

**CYMON 50% WG**

SDS:ISR/GHS/Ver 1.0

Issue date: 11.11.2021

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

**Product identifiers**

Product name: Cymon 50% WG  
Chemical name: Cymoxanil  
CAS No.: 57966-95-7

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

Identified uses: Fungicide for agricultural use

**Details of the supplier of the safety data sheet**

Supplier: Almandine Corporation SA  
Gotthardstrasse 3  
6300 Zug  
Switzerland  
Tel: +44 20 8995 8391 (UK office)  
Fax: +44 20 8995 7639  
Email: almuk@almandine.com

**Formulation sites:**

Jiangsu Aijin Agrochemicals Co. Ltd  
No. 58 Shuangxiang road  
Hongshan Fine-chemical zone  
Nanjing  
China

**Emergency telephone number**

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

**SECTION 2: HAZARDS IDENTIFICATION**

Acute Oral 4  
Skin Sens. 1  
Repr. 2  
STOT RE 2  
Aq Chronic 1



**Pictogram(s):**

**Signal word:**

**Warning**

**Hazard statement(s):**

H302: Harmful if swallowed  
H317: May cause an allergic skin reaction  
H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child



- H373: May cause damage to the thymus and blood through prolonged or repeated exposure.  
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.  
P301+P312: IF SWALLOWED: call a POISON CENTER or doctor IF you feel unwell.  
P302+P352: IF ON SKIN: wash with plenty of water.  
P308+P313: IF exposed or concerned: Get medical advice/attention.  
P333+P313: IF SKIN irritation or rash occurs: Get medical advice/attention.  
P501: Dispose of contents/container in accordance with local/regional/national regulation

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS Number	Concentration (g/kg)	Signal word	H-Statement(s)
Cymoxanil	57966-95-7	500	Warning	H302, H317, H361fd, H373, H400, H410

**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:** 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:** DO NOT induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person. Seek medical attention.
- Treatment:** No specific antidote. Treat symptomatically.

**SECTION 5: FIRE FIGHTING MEASURES**



<b>Extinguishing media:</b>	Water spray. Keep unexposed containers cool with water spray. Water jet is not recommended.
<b>Specific Hazards from the product:</b>	Combustion products are toxic and/or irritant. May produce toxic gases: NOx, COx, CN.
<b>Advice for fire fighters:</b>	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**

<b>Personal precautions:</b>	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.
<b>Environmental precautions:</b>	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.
<b>Clean-up methods:</b>	Absorb spill with a non-combustible absorbent material, such as sand, earth, or diatomaceous earth. Shovel into well labelled, sealed, suitable containers. For large spills it may be necessary to dyke spill area to prevent contamination of drains and waterways.

#### **SECTION 7: HANDLING AND STORAGE**

<b>Handling:</b>	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.
<b>Storage:</b>	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.
<b>Incompatibility:</b>	None known.

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**



**Occupational Exposure limits:** Contains no products with OELs.

**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 particulates.  
After each day's use, wash gloves, goggles or face shield, respirator if worn, and contaminated clothing.

Do not re-enter treated areas without protective clothing until spray residue has dried.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance:	Beige to light brown granules
b) Odour:	virtually odourless
c) Odour threshold:	none set
d) pH:	5 - 7
e) Melting point/freezing point:	161°C (tech.)
f) Boiling point/boiling range:	Decomposes before boiling
g) Flash-point:	Does not flash
h) Evaporation rate:	n/a
i) Flammability (solid/gas):	Not flammable
j) Upper/lower flammability or explosive limits:	n/a
k) Vapour pressure:	0.15 mPa (tech.)
l) Vapour density:	$3.8 \times 10^{-5} \text{ Pa m}^3 \text{ mol}^{-1}$ (tech.)
m) Relative density:	1.3 g/mL
n) Solubility:	780 mg/L (water, 20°C)
o) Partition coefficient:	Log $P_{ow}$ 0.67
p) Auto-ignition temperature:	>360°C
q) Decomposition temperature:	156°C (tech.)
r) Viscosity:	n/a
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.



<b>Conditions to avoid</b>	Sources of ignition and extreme heat.
<b>Incompatible materials</b>	Strong oxidisers.
<b>Hazardous decomposition Products:</b>	Does not decompose at ambient temperature. Combustion or thermal decomposition will evolve toxic and irritant vapours.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Oral toxicity:</b>	LD <sub>50</sub> rat: >300-2000 mg/kg (GHS Cat. 4)
<b>Dermal toxicity:</b>	LD <sub>50</sub> rat: >2000-5000 mg/kg (GHS Cat. 5)
<b>Inhalation toxicity:</b>	LC <sub>50</sub> rat 4 h >5.06 mg/L (tech.)
<b>Skin irritation:</b>	Not a skin irritant
<b>Eye irritation:</b>	Not an eye irritant
<b>Skin sensitisation:</b>	Skin sensitiser

Test in animals demonstrate no carcinogenic effect. Some evidence of adverse effects on fertility and foetal development in humans based on tests performed on animals.

This compound does not produce genetic damage in bacterial cell cultures; equivocal results were produced in mammalian cell cultures.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity (technical material)

<b>Fish toxicity:</b>	LC <sub>50</sub> 96 h Bluegill sunfish	29 mg/L
	NOEC 21 d rainbow trout	0.22 mg/L
<b>Daphnia toxicity:</b>	EC <sub>50</sub> 48 h <i>Daphnia magna</i>	27 mg/L
	NOEC 21 d <i>Daphnia magna</i>	0.067 mg/L
<b>Algal toxicity:</b>	EC <sub>50</sub> Green algae 72 h	0.254 mg/L
<b>Other organisms:</b>	Not toxic to bees	
	Not toxic to birds	

Slightly toxic to bees.

Bioaccumulative potential (Partition coefficient n-octanol /water (log Kow)): 0.67 (low)  
Bioconcentration factor (BCF): low risk

Mobility in soil: Mobile in soil

## 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.

**SECTION 14: TRANSPORTATION INFORMATION**

- UN number:** 3077
- UN Proper Shipping Name:** Environmentally hazardous substance, solid, N.O.S. (contains cymoxanil)
- 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:**

H302	Harmful if swallowed
H317	May cause an allergic skin reaction
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