

# Cymbol

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Mixture
Trade Names	Cymbol
CAS No.	57966-95-7
EPA Identification Number	60063-74

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

Identified Use(s)	Fungicide
Uses Advised Against	It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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

Company Identification	Sipcam Agro USA, Inc. 2525 Meridian Parkway, Suite 350 Durham, NC 27713 United States of America
Telephone	(919) 226-1195

**Emergency telephone number**

Emergency Phone No.	CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200)	Acute toxicity (Oral)	Category 4	
	Skin sensitization	Category 1	Specific target
	organ toxicity	Category 2	repeated exposure

**Label elements**

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS) and for workplace labels of non pesticide chemicals. The labeling information below applies to non-pesticide workplace labels. For pesticide label information, refer to Section 15.

Hazard Symbol(s)



Signal Word(s)

**WARNING**

Hazard Statement(s)

Harmful if swallowed.  
May cause an allergic skin reaction.  
May cause damage to organs through prolonged or repeated exposure. (thymus, Respiratory system)

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**Precautionary Statement(s)**

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.  
 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
 IF ON SKIN: Wash with plenty of soap and water. Get medical advice/ attention if you feel unwell.  
 Rinse mouth.  
 If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.  
 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

**Additional Information**

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.
Cymoxanil	60.0	57966-95-7
Modified Aromatic Sulfonate Salt	1 - 5	
Fumed silica, crystalline-free	1 - 5	112945-52-5

**Additional Information** – None.

## SECTION 4: FIRST AID MEASURES



**Description of first aid measures**

**Inhalation**  
 No specific intervention is indicated as the compound is not likely to be hazardous. Get medical advice/attention if you feel unwell.

**Skin Contact**  
 The material is not likely to be hazardous by skin contact, but cleaning the skin after use is advisable. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**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**  
 If swallowed, call a poison control centre or doctor immediately. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Do not give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.

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**Most important symptoms and effects, both acute and delayed** No applicable data available.

**Indication of any immediate medical attention and special treatment needed** None

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable (and Unsuitable) Extinguishing Media** Use water spray, dry chemical, foam or CO2 extinguishing media. If water is used to fight fire, dike and collect runoff. Do not use high volume water jet, (contamination risk)

### Special hazards arising from the substance or mixture

No applicable data available.

### Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Evacuate personnel and keep upwind of fire. Control runoff. (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Review FIRE FIGHTING MEASURES and HANDLING AND STORAGE sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

### Environmental precautions

Prevent substance entering sewers, waterways, or low areas. Avoid release to the environment.

### Methods and material for containment and cleaning up

Control the spill at its source. Sweep up material and place in a compatible disposal container. Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### Reference to other sections

None

### Additional Information

None

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

### Conditions for safe storage, including any incompatibilities

-Storage temperature

Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Keep container closed when not in use. Store in original container. Keep out of the reach of children.

### Specific end use(s)

Fungicide

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls : When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.
- Personal protective equipment  
Skin and body protection : Applicators and other handlers must wear:  
Long sleeved shirt and long pants  
Shoes plus socks  
PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:  
Coveralls worn over long-sleeved shirt and long pants  
Chemical resistant gloves made of any waterproof material  
Shoes plus socks
- Protective measures : Use this product in accordance with its label. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. During aerial application, human flaggers must be in enclosed cabs.

### Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Cymoxanil	57966-95-7	-----	-----	-----	-----	-----

Alkyl-naphthalenesulfonic acid, sodium salt/formaldehyde polycondensate- No applicable data available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance
- Physical state : Solid
- Form : Solid, granules
- Color : Brown
- Odor : Very faint
- Odor threshold : No applicable data available.
- pH : No applicable data available.
- Melting point/range : No applicable data available.
- Boiling point/boiling range : No applicable data available.
- Flash point : No applicable data available.
- Evaporation rate : No applicable data available.
- Flammability (solid, gas) : No applicable data available.
- Upper explosion limit : No applicable data available.
- Lower explosion limit : No applicable data available.
- Vapour Pressure : No applicable data available.
- Vapour density : No applicable data available.
- Specific gravity (Relative density) : No applicable data available.
- Water solubility : Dispersible

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Solubility(ies)	:No applicable data available.
Partition coefficient: n-octanol/water	:No applicable data available.
Auto-ignition temperature	:No applicable data available.
Decomposition temperature	:No applicable data available.
Viscosity, kinematic	:No applicable data available.
Viscosity, dynamic	:No applicable data available.

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	No applicable data available.
<b>Chemical stability</b>	Stable at normal temperatures and storage conditions. Polymerization will not occur.
<b>Possibility of hazardous reactions</b>	
<b>Conditions to avoid</b>	None reasonably foreseeable.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition product(s)</b>	No applicable data available.

## SECTION 11: TOXICOLOGICAL INFORMATION

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Oral LD50	: 433 mg/kg , Rat
Dermal LD50	: > 5,000 mg/kg , Rat
Inhalation 4 h LC50	: > 5.0 mg/l , Rat
Skin irritation	: slight irritation, Rabbit
Eye irritation	: slight irritation, Rabbit
Sensitisation	: May cause sensitisation by skin contact., Guinea pig

### Cymoxanil

Repeated dose toxicity	:The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions. Oral multiple species Target Organs: Blood, thymus altered blood chemistry, No effect to neurotoxicity. Oral - feed Dog - 90 d Target Organs: thymus Thymus effects
Carcinogenicity	:Not classifiable as a human carcinogen. Did not show carcinogenic effects in animal experiments.
Mutagenicity	:Animal testing did not show any mutagenic effects. Evidence suggests this substance does not cause genetic damage in cultured bacterial cells. Tests on mammalian cell cultures showed mutagenic effects.
Reproductive toxicity	:No toxicity to reproduction
Teratogenicity	:Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity.
Fumed silica, crystalline-free	
Repeated dose toxicity	:Inhalation Rat - 91 d dust/mist Target Organs: Respiratory system

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Respiratory effects, Information given is based on data obtained from similar substances.

Mutagenicity :Animal testing did not show any mutagenic effects.  
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Teratogenicity :Animal testing showed no developmental toxicity.  
Information given is based on data obtained from similar substances.

## Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

### Aquatic Toxicity

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96 h LC50 :Oncorhynchus mykiss (rainbow trout) 35 mg/l OECD Test Guideline 203

96 h LC50 :Lepomis macrochirus (Bluegill sunfish) 29 mg/l

48 h EC50 :Daphnia magna (Water flea) 10.7 mg/l OECD Test Guideline 202

#### Cymoxanil

72 h ErC50 :Pseudokirchneriella subcapitata (green algae) 2.39 mg/l

21 d :NOEC Oncorhynchus mykiss (rainbow trout) 0.22 mg/l

21 d :NOEC Daphnia magna (Water flea) 0.067 mg/l

### Environmental Fate

#### Fumed silica, crystalline-free

#### Bioaccumulation

:Does not bioaccumulate.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations

### Additional Information

None known.

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## SECTION 14: TRANSPORT INFORMATION

	<b>Land transport (U.S. DOT)</b>	<b>Sea transport (IMDG)</b>	<b>Air transport (ICAO/IATA)</b>
<b>UN number</b>	Not Regulated	UN 3077	UN 3077
<b>Proper Shipping Name</b>	Environmentally hazardous substance, solid, n.o.s. (Cymoxanil)		
<b>Transport hazard class(es)</b>	9	9	9
<b>Packing group</b>	III	III	III
<b>Hazard label(s)</b>	Marine Pollutant	Marine Pollutant	Marine Pollutant
<b>Environmental hazards</b>	Yes	Yes	Yes
<b>Special precautions for user</b>	None Assigned	None Assigned	None Assigned

Not regulated by DOT/49 CFR unless shipped in bulk package or by water.

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA special provision A197, and ADR/RID special provision 375.

## SECTION 15: REGULATORY INFORMATION

Other regulations	: This Safety Data Sheet is for a pesticide product registered by the US Environmental Protection Agency (USEPA) and is therefore also subject to certain labeling requirements under US pesticide law (FIFRA). These requirements differ from the classification criteria and hazard information required by OSHA for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the mandatory hazard information required by USEPA on the pesticide label:  WARNING!  May be fatal if swallowed. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
SARA 313 Regulated Chemical(s)	: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
PA Right to Know Regulated Chemical(s)	: Substances on the Pennsylvania Hazardous Substances List present at concentration of 1% or more (0.01% for Special Hazardous Substances): Sucrose, Sodium sulphate, Fumaric acid, Fumed silica, crystalline-free
Title III hazard classification	: Acute Health Hazard: Yes Chronic Health Hazard: Yes Fire: No Reactivity/Physical hazard: No Pressure: No
EPA Reg. No.	: NA



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In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

## SECTION 16: OTHER INFORMATION

**Date of preparation:** February 27, 2018

**Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:**

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