

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Mixture
Trade Names	Cymbol™ Balance
CAS No.	Mixture
EPA Identification Number	EPA Reg. No. 60063-73

**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 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)	Skin Sens. 1; Repr. 2; STOT RE 2
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**Label elements**

This is a pesticide product registered with 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)

May cause an allergic skin reaction.  
Suspected of damaging the unborn child.  
May cause damage to organs through prolonged or repeated exposure: Blood, Thymus

Precautionary Statement(s)

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands and exposed 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.

**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.

**IF ON SKIN:** Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Treat symptomatically. Contaminated clothing should be laundered before reuse.

**IF SWALLOWED:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Do not give anything by mouth to an unconscious person. Treat symptomatically.

**IF** exposed or concerned: Get medical advice/attention. Treat symptomatically.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice. Observe directions on label and instructions for use. See Also Section 15.

**Other hazards**

**Additional Information**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard Statement(s)
Propamocarb hydrochloride	~ 44	25606-41-1	Skin Sens. 1; H317
Cymoxanil	~ 8	57966-95-7	Acute Tox. 4; H302 Skin Sens. 1; H317 Repr. 2; H361d STOT- RE 2; H373 Aquatic Acute 3; H402 Aquatic Chronic 1; H410

**Additional Information –** None

## SECTION 4: FIRST AID MEASURES



**Description of first aid measures**

Inhalation

Remove person to fresh air and keep comfortable for breathing. If breathing is laboured, administer oxygen. Treat symptomatically. If symptoms persist, obtain medical attention.

Skin Contact

Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Treat symptomatically. Contaminated clothing should be laundered 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

Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Do not give anything by mouth to an unconscious person. Treat symptomatically.

**Most important symptoms and effects, both acute and delayed**

May cause an allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed**

Call a POISON CENTER or doctor/physician if you feel unwell.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray.  
None known.

### Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon and nitrogen. Decontaminate equipment or materials used in pesticide fires.

### Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist/vapours/spray. Wear suitable respiratory protective equipment if exposure to high levels of material are likely.

### Environmental precautions

Observe directions on label and instructions for use. See Also Section 15.

### Methods and material for containment and cleaning up

Observe directions on label and instructions for use. See Also Section 15.

### Reference to other sections

Observe directions on label and instructions for use. See Also Section 15.

### Additional Information

None

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Do not breathe mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed 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. Observe directions on label and instructions for use. See Also Section 15.

### Conditions for safe storage, including any incompatibilities

- Storage temperature
- Incompatible materials

Store at room temperature. Do not allow material to freeze.  
Strong oxidising agents.

### Specific end use(s)

Fungicide

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

## Exposure controls

### Appropriate engineering controls

Do **NOT** aerosolize or atomize to produce inhalable-size particles. Use low-pressure coarse spray only. Observe directions on label and instructions for use. See Also Section 15.

### Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Gloves. Observe directions on label and instructions for use. See Also Section 15.

Respiratory protection



Observe directions on label and instructions for use. See Also Section 15.

Thermal hazards

Not normally required.

### Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses. Observe directions on label and instructions for use. See Also Section 15.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour.	Off-white
Odour	Faint
Odour Threshold (ppm)	Not available.
pH (Value)	2.39
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not available.
Flash Point (°C)	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	>100
Explosive Limit Ranges	Not available.
Vapour pressure (Pascal)	Not available.
Vapour Density (Air=1)	Not available.
Density (g/ml)	1.083
Solubility (Water)	Not available.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt)	451.1 @ 40 °C
Explosive properties	Not explosive.

Oxidising properties

Not oxidising.

**Other information**

Not available.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity**

No hazardous reactions known if used for its intended purpose.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None anticipated.

**Conditions to avoid**

Incompatible materials

**Incompatible materials**

Strong oxidising agents.

**Hazardous decomposition product(s)**

Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon and nitrogen. Decontaminate equipment or materials used in pesticide fires.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects:**

**Substances**

Not applicable

**Mixtures**

Acute toxicity (By analogy with similar materials)

Oral: LD50 >5000 mg/kg-bw (rat)

Dermal: LD50 >5000 mg/kg-bw (rat)

Inhalation: LC50 >2.1 mg/L, ppm (Aerosol, 4-hr rat)

Skin corrosion/irritation

Unlikely to cause skin irritation.

Serious eye damage/irritation

Unlikely to cause eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

STOT - single exposure

Not available.

STOT - repeated exposure

Not available.

Aspiration hazard

Not available.

**Substances in preparations / mixtures**

Propamocarb hydrochloride (CAS# 25606-41-1):

Acute toxicity (66% active)

Oral: LD50 >2000 mg/kg-bw (rat)

Dermal: LD50 >2000 mg/kg-bw (rat)

Inhalation: LC50 >5 mg/L (4 hr) (rat) (Inhalable Dust)

Irritation/Corrosivity

Unlikely to cause eye irritation. Unlikely to cause skin irritation.

Sensitization

May cause an allergic skin reaction.

Repeated dose toxicity

Not to be expected.

Carcinogenicity

Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity

Not to be expected.

Reproductive toxicity

Not to be expected.

Cymoxanil (CAS# 57966-95-7):

Acute toxicity (60% active)

Oral: LD50 = 433 mg/kg-bw (rat)

Dermal: LD50 >5000 mg/kg-bw (rat)

Inhalation: LC50 = 5.01 mg/L (4 hr) (rat) (Inhalable Dust)

Irritation/Corrosivity

Unlikely to cause eye irritation. Unlikely to cause skin irritation.

Sensitization

Not to be expected.

Repeated dose toxicity

May cause damage to organs through prolonged or repeated exposure: Blood, Thymus. LOEL (Oral, dog) = 100 ppm

Carcinogenicity

Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity

Not to be expected.

Reproductive toxicity

Suspected of damaging the unborn child. NOEL = 4 mg/kg-day

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Propamocarb hydrochloride (CAS# 25606-41-1):

Short term (66% active)

LC50 (96 hour): >92 mg/L (fish)

EC50 (48 hour): >106 mg/L (*Daphnia magna*)

EC50 (72 hour): >85 mg/l (*Raphidocelis subcapitata*)

Long Term

NOEC (21 days): >100 mg/L (fish)

Cymoxanil (CAS# 57966-95-7):

Short term (60% active)

LC50 (96 hour): 29 mg/L(fish)

EC50 (48 hour): 10.7 mg/L (*Daphnia magna*)

EC50 (72 hour): >10 mg/l (*Pseudokirchneriella subcapitata*)

Long Term

NOEC (21 days): 0.067 mg/L (*Daphnia magna*)

**Persistence and degradability**

Part of the components are poorly biodegradable.

**Bioaccumulative potential**

Not determined.

**Mobility in soil**

Not determined.

**Results of PBT and vPvB assessment**

Not classified as PBT.

**Other adverse effects**

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice. Observe directions on label and instructions for use. See Also Section 15.

**Additional Information**

None known.

## SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT) *	Sea transport (IMDG)	Air transport (ICAO/IATA)
<b>UN number</b>	Not classified as dangerous for transport. *	UN 3082	UN 3082
<b>Proper Shipping Name</b>		Environmentally hazardous substance, liquid, n.o.s. (Cymoxanil)	
<b>Transport hazard class(es)</b>		9	9



# Cymbol™ Balance

<b>Packing group</b>	III	III
<b>Hazard label(s)</b>	Marine Pollutant	Marine Pollutant
<b>Environmental hazards</b>	Yes	Yes
<b>Special precautions for user</b>	None Assigned	None Assigned

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

\* For bulk shipments in U.S., can be shipped as UN3082, Environmentally hazardous substance, solid, n.o.s. (Cymoxanil), 9, PG III

## SECTION 15: REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture:

**TSCA (Toxic Substance Control Act) - Inventory Status:** This is a registered pesticide product regulated under Federal Insecticide, Fungicide, and Rodenticide Act and, therefore, the components of this product are not subject to listing on the TSCA inventory.

### EPA FIFRA Information for SDS Section 15 (Regulatory Information):

This is a pesticide product registered with 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 hazard information required on the pesticide label is reproduced below:

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or on clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Wash 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.

### Personal Protective Equipment (PPE):

Mixers, loaders, applicators must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.

Potatoes

- In addition, mixers and loaders supporting aerial applications for potatoes must wear chemical resistant gloves.

Mechanical Pressurized Handgun

- In addition, mixer, loaders, and applicators using mechanically pressurized handguns must also wear chemical resistant gloves.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

### Engineering Controls:

Pilots must use an enclosed cab that meets the definition listed in the WPS for agricultural pesticides [40 CFR 170.305].

### Environmental Hazards:

This product is toxic to fish and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

The pesticide label also includes other important information, including directions for use.

### Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	-----	-----

**SARA 311/312 - Hazard Categories:** See SECTION 2 - HAZARDS IDENTIFICATION

### SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----



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**SARA 302 - Extremely Hazardous Substances(40 CFR 355):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	----	-----	-----	----

**Proposition 65 (California):**

Chemical Name	CAS No.	Typical %wt.	Hazards
None	----	----	----

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

**Date of preparation:** December 7, 2021

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

**Hazard Statement(s)**

- H302: Harmful if swallowed.
- H317: May cause an allergic skin reaction.
- H361d: Suspected of damaging the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H402: Harmful to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

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