



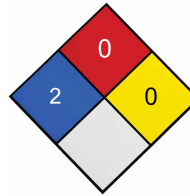
## Safety Data Sheet

### 1. Product & Company Information

Product Identifier	MycoFog Reagent
Other means of ID	7.8% H <sub>2</sub> O <sub>2</sub>
Recommended Use	Disinfectant
Recommended restrictions	None known
Manufacturer Information	MycoFog Div Etaluma Inc 3129 Tiger Run Ct Carlsbad, CA 92010 US
Supplier	See above

### 2. Hazards Identification

Physical Hazards	Not classified	
Health Hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/irritation	Category 2
Environmental Hazards	Not classified	
WHMIS 2015 defined hazards	Not classified	
Label elements		



Signal word	Warning
Hazard Statement	Causes skin irritation. Causes serious eye irritation.
Precautionary statement	Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.
Prevention	
Response	IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists: Get medical advice/attention.
eye	

### 3. Composition/information on ingredients

Chemical name	Common name/synonyms	CAS number	%
Hydrogen Peroxide, H <sub>2</sub> O <sub>2</sub>	Hydrogen peroxide	7722-84-1	7.8

### 4. First Aid Measures

Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label).
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.



## Safety Data Sheet First Aid Measures (cont.)

Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain attention.
medical Most important symptoms/ effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
General information data sheet gloves and safety glasses with	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety to the doctor in attendance. Avoid contact with eyes and skin. Wear rubber side shields. Keep out of reach of children.

## 5. Fire Fighting Measures

Suitable extinguishing media	Water spray
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this may spread the fire
Specific hazards arising from the chemical	Firefighters should wear a self-contained breathing apparatus. Decomposition releases oxygen which may intensify fire.
Special protective equipment and precautions for Firefighters	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Firefighting equipment & instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: oxygen

## 6. Accidental Release Measures

Personal precautions, protective equipment and during emergency procedures.	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing clean-up. Do not breathe mist or vapor. Do not touch damaged material unless wearing appropriate protective clothing.
containers or spilled spillages cannot be contained. For the SDS.	Local authorities should be advised if significant personal protection, see section 8 of



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Methods and materials for containment and cleaning up. For Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions diluted. not discharge Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground unless substantially diluted. Prevent entry into waterways, sewers, basements or confined areas. Do not discharge into lakes, streams, ponds or public waters.

### 7. Handling & Storage

Precautions for safe Handling protective hygiene practices in Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal equipment. Wash thoroughly after handling. Use good industrial handling this material. When using do not eat or drink.

Conditions for safe storage Store at room temperature. Keep out of reach of children

### 8. Exposure Controls/Personal Protection

Occupational Exposure Limits **US OSHA**  
Hydrogen peroxide (CAS 7722-84-1) PEL 1 ppm

Individual protection measures Use only as instructed. Wear safety glasses and rubber gloves. If exposure guidelines levels have been exceeded, use an approved NIOSH respirator.

General hygiene clothing and not eat or drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work protective equipment to remove contaminants. When using do

### 9. Physical and Chemical properties

<b>Appearance</b>	Clear
<b>Physical state</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	None
<b>Odor</b>	Slightly sharp
<b>pH</b>	1.5-2.5
<b>Specific Gravity</b>	1.0112-1.0312
<b>Oxidizing properties</b>	Oxidizing agent

### 10. Stability and Reactivity

Reactivity heat. This react with Reacts violently with strong alkaline substances. This product may react with reducing agents. Reacts vigorously with incompatible materials liberating oxygen and product may react with strong oxidizing agents. Hazardous polymerization does not occur. Stable under recommended storage conditions. Reacts violently with strong alkaline substances. This product may reducing agents. Do not mix with other chemicals.



Incompatible materials

**Safety Data Sheet**  
Bases. Reducing agents. Organic materials. Combustible materials. Oxidizers. May include and are not limited to: Oxygen.

## 11. Toxicological information

Routes of exposure

Eye - causes eye irritation  
Skin contact - causes skin irritation  
Inhalation - may cause irritation to the respiratory system, prolonged inhalation may be harmful.  
Ingestion - May cause stomach distress, nausea or vomiting

Symptoms related to exposure

stinging, tearing, redness, swelling, and blurred vision. Severe eye physical, chemical and irritation. Symptoms may include stomach distress, nausea or vomiting.

Acute toxicity

Dermal  
LD50

Rabbit >2000mg/kg 24 hrs ECHA  
Rat 3000-5480 mg/kg, ECHA

Inhalation  
LC50

Rat > 170 mg/m<sup>3</sup>, 4 hrs, ECHA

Oral  
LD 50

Rat 1026 mg/kg, ECHA, male  
693.7 mg/kg, ECHA, female

Carcinogenicity

US OSHA Specifically Regulated substances (29 CFR 1910.1001-1050)

Not listed

## 12. Ecological information

Ecotoxicity

Algae IC 50 (Algae) 2.5 mg/L, 72 hrs  
Crustacea EC50 (Daphnia) 7.7 mg/L, 48 hrs

This material is not persistent or bioaccumulating

## 13. Disposal considerations

Instructions

Review federal, state/provincial, and local government requirements prior to disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.



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Waste from residues or unused product Empty containers or liners may retain some product residues. This material and its product container must be disposed of in a safe manner.

### 14. Transport Information

This product is not regulated as dangerous good by US DOT or TDG Canada due to the low concentration, nor defined under IATA regulations, since that body only regulates H<sub>2</sub>O<sub>2</sub> concentrations greater than 8%.

### 15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS 2015 Exemptions

Not applicable

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.:

Hydrogen peroxide (CAS 7722-84-1)

Reportable quantity 1000 LBS

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Hydrogen peroxide (CAS 7722-84-1)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate hazard -

Yes

Delayed hazard -

No

Fire hazard -

No

Pressure hazard -

No

Reactivity hazard -

No

SARA 302

Extremely hazardous substance

No

SARA 311/312

Hazardous chemical

No

SARA 313

(TRI reporting)

Not regulated

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**US state regulations**

US - California Hazardous Substances (Director's): Listed substance



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Hydrogen peroxide (CAS 7722-84-1)	Listed
US - Illinois Chemical Safety Act: Listed substance	
Hydrogen peroxide (CAS 7722-84-1)	Listed
US - Minnesota Haz Subs: Listed substance	
Hydrogen peroxide (CAS 7722-84-1)	Listed

### 15. Regulatory Information (cont')

US - New Jersey RTK - Substances: Listed substance	
Hydrogen peroxide (CAS 7722-84-1)	Listed
US - Texas Effects Screening Levels: Listed substance	
Hydrogen peroxide (CAS 7722-84-1)	Listed
US. Massachusetts RTK - Substance List	
Hydrogen peroxide (CAS 7722-84-1)	
US. New Jersey Worker and Community Right-to-Know Act	
Hydrogen peroxide (CAS 7722-84-1)	
US. Pennsylvania Worker and Community Right-to-Know Law	
Hydrogen peroxide (CAS 7722-84-1)	
US. Rhode Island RTK	
Hydrogen peroxide (CAS 7722-84-1)	
US. California Proposition 65	
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.	

### 16. Other Information

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.

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H<sub>2</sub>O<sub>2</sub>

