

# MATERIAL SAFETY DATA SHEET

## MilliCare™ Oxy Spotter

According to 2001/58/EC

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: MilliCare™ Oxy Spotter

#### Company Identification

Sylvan Chemical Co., Inc.  
La Grange, Georgia 30240 USA  
1-888-886-2273 (For questions and emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

#### **PRODUCT USE:**

Cleaner.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### **COMPONENT LISTING:**

Chemical Name	Amount	CAS Number	EU Annex 1
HYDROGEN PEROXIDE (H2O2)	3.0 - 7.0 %	7722-84-1	O, C - R8, R34

#### **EMERGENCY OVERVIEW:**

Can cause eye irritation. Avoid eye contact. May cause skin or respiratory tract irritation. May be harmful if swallowed.

#### **HFRP Rating:**

Health - 1  
Flammability - 0  
Reactivity - 0  
Personal Protection Index - B

NFPA/HFRP Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or an internally derived Milliken system (for HFRP ratings).

#### **EYE:**

Can cause eye irritation.

#### **SKIN:**

Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis).

#### **INHALATION:**

May cause respiratory tract irritation.

#### **INGESTION:**

May be harmful if swallowed.



### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

Can cause eye irritation. Avoid eye contact. May cause skin or respiratory tract irritation. May be harmful if swallowed.

#### HFRP Rating:

Health - 1  
Flammability - 0  
Reactivity - 0  
Personal Protection Index - B

NFPA/HFRP Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or an internally derived Milliken system (for HFRP ratings).

#### EYE:

Can cause eye irritation.

#### SKIN:

Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis).

#### INHALATION:

May cause respiratory tract irritation.

#### INGESTION:

May be harmful if swallowed.

### 4. FIRST AID MEASURES

#### EYE CONTACT FIRST AID:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention immediately.

#### SKIN CONTACT FIRST AID:

Wash affected area with large amounts of soap and water. Get medical attention if irritation develops or persists.

#### INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms develop.

#### INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Contact a physician. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

#### FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

#### EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder. Use water spray to cool fire exposed containers.

#### FIRE & EXPLOSION HAZARDS:



No known unusual hazards in a fire/explosion situation.

**FIRE FIGHTING INSTRUCTIONS:**

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate non-emergency personnel to a safe area. Contain runoff water.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURE:**

Clean up area by absorbent material. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

**INITIAL CONTAINMENT:**

Contain spilled material. All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements.

## 7. HANDLING AND STORAGE

**RECOMMENDED STORAGE TEMPERATURE**

Minimum: 0.0 C (32.0 F)

Maximum: 48.9 C (120.0 F)

**HANDLING (PERSONNEL):**

Avoid prolonged contact with skin or eyes. Wash hands thoroughly after handling.

**STORAGE PRECAUTIONS:**

Keep container tightly closed. Avoid extreme temperatures. Avoid contact with Acidic conditions.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Good general ventilation should be sufficient to control airborne levels.

**EYE / FACE PROTECTION REQUIREMENTS:**

Where contact with this material is likely, chemical goggles are recommended.

**SKIN PROTECTION REQUIREMENTS:**

When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special respiratory protective equipment is required.

**EXPOSURE GUIDELINES:**

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	Colorless
ODOR:	Faint Odor
BOILING POINT:	212 F
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	1.015 (Water = 1)



MELTING/FREEZING POINT:	32 F
PH:	Approx. 8
% VOLATILES:	100 %
VOLATILE ORGANIC COMPOUNDS (VOC):	0

## 10. STABILITY AND REACTIVITY

### STABILITY:

This product is stable at ambient conditions.

### POLYMERIZATION:

Hazardous polymerization will not occur.

### INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact reducing agents, soft metals and oxidizers.

### DECOMPOSITION:

Decomposition will not occur if handled and stored properly.

## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL TESTING:

The acute oral toxicity (LD50) in rats for this material was determined to be 1.55 grams/kg.

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements. Uncleaned empty containers should be disposed of in the same manner as the contents.

## 14. TRANSPORT INFORMATION

PRODUCT LABEL:	MilliCare™ Oxy Spotter
D.O.T. SHIPPING NAME:	Not Regulated
D.O.T. HAZARD CLASS:	Not Regulated
D.O.T. LABEL:	Non Hazardous

## 15. REGULATORY INFORMATION

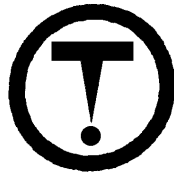
### CHEMICAL INVENTORY INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

### WHMIS Hazard Symbols:

Class D-2(B) - Materials Causing Other Toxic Effects



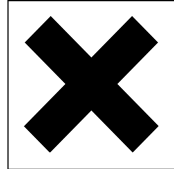


**Canadian Disclosure List**

HYDROGEN PEROXIDE (H2O2) (7722-84-1)

**EEC Symbols and Indications of Danger:**

Irritant (Xi)



**R-Phrases:**

R36/38 - Irritating to eyes and skin.

**S-Phrases:**

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 - Wear suitable gloves.

S24/25 - Avoid contact with skin and eyes.

**Massachusetts Substance List**

HYDROGEN PEROXIDE (H2O2) (7722-84-1)

**NJ Right to Know List**

HYDROGEN PEROXIDE (H2O2) (7722-84-1)

**PA Hazardous Substance List**

HYDROGEN PEROXIDE (H2O2) (7722-84-1)

**16. OTHER INFORMATION**

REASON FOR ISSUE:	New MSDS
PREPARED BY:	Steven Brown
APPROVED BY:	John Bruhnke
TITLE:	Regulatory Specialist
APPROVAL DATE:	February 12, 2004
SUPERCEDES DATE:	January 21, 2003

**Annex 1 Risk Phrases Referenced In Ingredient List:**

R8 - Contact with combustible material may cause fire.

R34 - Causes burns.

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**END OF MSDS**

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