



# MERCOFRAMES OPTICAL CORP

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## **MATERIAL SAFETY DATA SHEET**

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1.  
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)  
IMPORTANT: Read this MSDS before handling & disposing of this product.  
Pass this information on to employees, customers, & users of this product.

### **SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

**PRODUCT IDENTITY:** Super Hydro Spray (99-SUPHYDRO)

**COMPANY IDENTITY:** OptiSource International, Inc

**COMPANY ADDRESS:** 40 Sawgrass Drive, Bellport, NY 11713

**COMPANY PHONE:** 1-800-678-4768

**EMERGENCY PHONE:** 1-800-678-4768

### **SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

**CONTAINS:**

88% - 92.5% ISOPROPYL ALCOHOL (67-63-0)

7.5% - 12% TRADE SECRET MIXTURE

### **SECTION 3. HAZARDS IDENTIFICATION**

**RISK STATEMENTS:**

R11 - Flammable.

**SAFETY STATEMENTS:**

S16 - Keep away from sources of ignition. No smoking.

### **SECTION 4: FIRST AID MEASURES**

**EYE CONTACT:** Flush with plenty of water for 15 minutes and seek medical attention.

**SKIN CONTACT:** Wash thoroughly with soap and water.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen.

**SWALLOWING:** Give two glasses of water and seek medical attention. Do not induce vomiting unless instructed by a medical professional.

## **SECTION 5. FIRE FIGHTING MEASURES**

### **EXTINGUISHING MEDIA:**

NFPA Class B extinguishers (Carbon Dioxide or foam) for Class I B liquid fires.

### **FIRE PROCEDURES:**

Keep container tightly closed. Isolate from oxidizers, heat, sparks, electric equipment & open flame. Closed containers may explode if exposed to extreme heat.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **CLEAN-UP PROCEDURES:**

Clean up with absorbent materials. Mop up & dispose of.

## **SECTION 7. HANDLING AND STORAGE**

**HANDLING:** Avoid breathing of vapor or spray mist. Avoid contact with eyes.

**STORAGE:** Do not store above 49 C/120 F. Store away from direct sunlight and oxidizing agents.

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

**WORK & HYGIENIC PRACTICES:** Wash at end of each work shift & before eating, smoking or using the toilet.

## **SECTION 9. PHYSICAL DATA**

**APPEARANCE:** Liquid, Clear-Colorless

**ODOR:** Mild

**BOILING POINT:** 82.4 °C

**AUTOIGNITION TEMPERATURE:** 425 °C

**FLAMMABLE LIMITS (LEL):** 2% Vol.

**FLAMMABLE LIMITS (UEL):** 12.7% Vol.

**FLASH POINT:** 11 °C (Closed Cup)

**SPECIFIC GRAVITY:** 0.789

**DENSITY:** 0.789 g/ml

**VAPOR DENSITY:** 2.1

**VAPOR PRESSURE (mm of Hg)@20 C:** 33

**SOLUBILITY IN WATER:** Complete

**HAZARDOUS AIR POLLUTANTS:** 0 % weight

**VOCs:** 780 g/l

**PERCENT VOLATILE:** 99 % weight

### **SECTION 10. STABILITY & REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Isolate from oxidizers, heat, sparks, electric equipment & open flame

**MATERIALS TO AVOID:** None known

**HAZARDOUS POLYMERIZATION:** will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, Carbon dioxide from burning

### **SECTION 11. TOXICOLOGICAL INFORMATION**

**LD50:** 5,840 mg/kg (acute oral - rat); 13,000 mg/kg (acute dermal - rabbit)

**LD50:** 16,000 ppm/8hr (inhalation – rat)

**MUTAGENICITY:** Not Indicated

**LDlo:** 5,000 mg/kg (oral - rabbit)

**REPRODUCTIVE EFFECTS:** Not Indicated

**CARCINOGENICITY:** Not identified as a carcinogen by OSHO, IARC, or NTP

### **SECTION 12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** N/A

**SOIL ABSORPTION/MOBILITY:** This material is a mobile liquid

**DEGRADABILITY:** This product is completely biodegradable.

**ACCUMULATION:** This product does not accumulate or biomagnify in the environment.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If questions exist, contact the appropriate agencies.

### **SECTION 14. TRANSPORT INFORMATION**

**DOT Shipping Name:** Consumer Commodity ORM-D

**DOT Packing Group:** II

**DOT Hazard Class:** 3

**DOT Label:** Flammable Liquid

**UN ID:** UN 1219

### **SECTION 15. REGULATORY INFORMATION**

**RCRA Hazardous Waste Number/ Classification:** D001

**CERCLA Substance:** N/A

**HAZARDOUS AIR POLLUTANT (CAA):** No

**SARA 311/312 Codes:** N/A

**SARA Toxic Chemical:** Yes, (Strong manufacturing only)

**CERCLA Reportable Quantity:** 10,000 lbs (Default)

**TSCA:** The ingredients of this product are on the TSCA inventory.

### **SECTION 16. OTHER INFORMATION**

#### **NFPA Hazard Classification**

**Health: 1 Flammability: 3 Reactivity: 0 Special Hazards:** None

#### **HMIS Hazard Classification**

**Health: 1 Flammability: 3 Reactivity: 0 Protection:** X

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

#### **EMPLOYEE TRAINING**

Employees should be made aware of all hazards of this material (as stated herein) before handling it.

#### **NOTICE**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and here fore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.