

# OptiSource™

## The Optical Supply Resource

40 Sawgrass Drive, Bellport, NY 11713-1564

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### SAFETY DATA SHEET

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#### SECTION 1 - PRODUCT IDENTIFICATION

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Trade name: Fog Free

Other means of Identification: 99-LCFF

Recommended use: Used for the cleaning of optical lenses

Restrictions on use: Do not use in any manner except for recommended use.

Manufacturer information: OptiSource International

40 Sawgrass Dr  
Bellport, NY 11713  
631-924-8360

Emergency contact (24HR):+1703-527-3887

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#### SECTION 2 – Hazard Identification

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OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the product: Not classified

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements :

Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements

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#### SECTION 3 – Composition/information on ingredients

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Ingredients

Isopropyl alcohol: 12%, CAS 67-63-0

Water: 81%

1% of mixture composition is withheld as proprietary trade secret.

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#### SECTION 4 – First Aid Measures

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EYE CONTACT:

One or more components of this material is an eye irritant. Direct contact with the liquid or exposure may cause stinging, tearing, redness or swelling. If concerned seek medical attention.

SKIN CONTACT:

Chemical itself is not an irritant or sensitizer. Contact with this material may cause drying of the skin. If concerned seek medical attention.

**SKIN ABSORPTION:**

Symptoms of toxicity are not anticipated by this route alone under normal conditions of use. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

**INHALATION (BREATHING):**

Dense vapor displaces breathing air in confined or unventilated areas. Inhaling concentrated vapors can cause drowsiness, headache, respiratory fatigue and depression. If concerned seek medical attention.

**INGESTION (SWALLOWING):**

While this material has a low degree of toxicity, ingestion of large quantities may cause the following:

Irritation of the digestive tract.

Signs of nervous system depression, such as, headache, drowsiness, dizziness, loss of coordination, fatigue and nausea.

If concerned seek medical attention.

**ASPIRATION HAZARD:**

Components of this material can enter the lungs during swallowing and cause lung inflammation and damage. If concerned seek medical attention.

**TARGET ORGAN TOXIN:**

Central nervous system, respiratory system.

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SECTION 5 – Fire-fighting Measures

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**EXTINGUISHING MEDIA:**

Extinguish with dry chemical, CO<sub>2</sub> or a universal type foam.

**UNSUITABLE EXTINGUISHING MEDIA:**

None Known

**SPECIFIC HAZARDS ARISING FROM CHEMICAL:**

May decompose during contact with flames or combustion engines. Container may explode if heated due to resulting pressure rise.

**SPECIAL PRECAUTIONS FOR FIRE-FIGHTERS:**

Wear appropriate protective equipment including respiratory protection as conditions warrant. Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**PRECAUTIONS IN CASE OF LEAK OR SPILL:**

Keep all sources of ignition and hot metal surfaces away from spill/release. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state and local agencies. If spill/release is in excess of EPA reportable quantity, immediately notify the National Response Center. (phone # 1-800-424-8802)

**PROTECTIVE EQUIPMENT:**

**VENTILATION:**

If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see Section 2), additional ventilation or exhaust systems may required. Check air for oxygen deficiency.

**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section 2).

**PROTECTIVE GLOVES:**

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

**EYE PROTECTION:**

Approved eye protection to safeguard against potential eye contact, irritation or injury is always recommended.

**WASTE DISPOSAL METHOD:**

Dilute aqueous waste may biodegrade. Soil or water should not be designated RCRA hazardous waste. Dispose of in accordance with local, county, state and federal regulations.

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SECTION 7 – HANDLING AND STORAGE

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**PRECAUTIONS FOR SAFE HANDLING:**

Wash affected skin with plenty of water. Remove contaminated clothing and wash clothing before reuse. Provide adequate ventilation. Avoid contact with skin, eyes or clothing..

**CONDITIONS FOR SAFE STORAGE**

Keep containers tightly closed, cool, dry and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. No known incompatible materials. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks which contain or has contained this product, refer to OSHA or ANSI Z49.1 regulations and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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**OCCUPATIONAL EXPOSURE LIMITS**

Isopropyl Alcohol CAS 67-67-0

OSHA PEL: 400ppm ACGIH TLV: 200ppm

**APPROPRIATE ENGINEERING CONTROLS:**

Ensure adequate ventilation, engineering controls not typically required under conditions of normal use.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION:**

Not required under normal consumer use. Safety glasses recommended for industrial use.

**SKIN PROTECTION**

Not Required under normal consumer use. Wear suitable gloves if prolonged contact is expected in industrial use

**RESPIRATORY PROTECTION**

Not required under normal consumer use. In case of inadequate ventilation in industrial use, wear respiratory protection

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid  
Color Clear  
Odor Not available  
Odor Threshold (ppm) Not available  
pH (Value) 7  
Melting Point / Freezing Point (C) Not available  
Boiling point/boiling range (C ) Not determined  
Flash Point (C ) 365F  
Evaporation rate Not available  
Flammability (solid, gas) Not available  
Explosive limit ranges Not available  
Vapor Pressure (Pascal) Not available  
Vapor Density (Air=1) Not available  
Density (g/ml) Not available  
Specific Gravity No data available  
Solubility (Water) Soluble Solubility (other) Not Known  
Partition Coefficient (n-Octanol/water) Not available  
Auto Ignition Temperature (C ) Not available  
Decomposition Temperature Not available  
Kinematic Viscosity (mPas) no data available

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#### SECTION 10 – STABILITY AND REACTIVITY

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**STABILITY:**

Stable

**INCOMPATIBILITY (MATERIALS TO AVOID):**

This product is incompatible with:

Strong acids or bases  
Oxidizing agents  
Selected amines

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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#### SECTION 11 – TOXICOLOGICAL INFORMATION

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**ASPIRATION HAZARD:**

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**TARGET ORGAN TOXIN:**

Central nervous system, respiratory system.

**NUMERICAL MEASURES OF TOXICITY**

Oral: LD50= 5.84g/kg (rat)

Inhalation: LC50 > 1000ppm (rat, 6hr)

Dermal: LD50= 16.4ml/kg (rabbit) 24 hr

**CARCINOGENICITY:**

IARC, NTP, ACGIC, OSHA do not list any components as a suspected carcinogen

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SECTION 12 – ECOLOGICAL INFORMATION

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**SUBSTANCES IN PREPERATIONS/MIXTURES**

Isopropyl Alcohol: Readily Biodegradable.

**BIOACCUMULATIVE POTENTIAL**

This product has no bioaccumulative potential.

**MOBILITY IN SOIL**

This product has high mobility in soil

**OTHER ADVERSE EFFECTS**

None known

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SECTION 13 – DISPOSAL CONSIDERATIONS

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**WASTE TREATMENT METHODS**

Disposal should be in accordance with local, state or national legislation.

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SECTION 14 – TRANSPORT INFORMATION

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Material is not regulated for transport.

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SECTION 15 –REGULATORY INFORMATION

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**PROP 65**

This mixture contains no chemicals known to the state of California to cause cancer.

**RCRA HAZARD WASTE NUMBER**

None

**SARA 311/312/313/302 HAZARD CATEGORIES/ TOXIC CHEMICALS/EXTREMELY HAZARDOUS SUBSTANCES**

None

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SECTION 16 OTHER INFORMATION

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DATE OF PREPERATION: 06/21/2022

Disclaimer:

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ISSUED: 06/21/2022

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