

## SAFETY DATA SHEET

**1. IDENTIFICATION AND GENERAL INFORMATION**

P/N#: 0350, 0350-20, 0350-1000  
 Nomenclature: Lens Cleaning Towelette  
**Recommended Use of the Chemical & Restrictions on Use:**  
 Uses: Lens cleaner. Instrument care. Water based cleaner.  
 Company Name: Allegro Industries  
 Address: 1360 Shiloh Church Rd  
 Piedmont, SC 29673  
 864-846-8740  
 Chemtrac: 800-424-9300

**2. HAZARDS IDENTIFICATION**

**Appearance:** Liquid absorbed onto a towelette  
**Physical State:** Solid containing liquid  
**Odor:** Mild alcohol odor

**Classification:** The information below is for the liquid absorbed onto the wipe when used in an industrial setting. The wipe itself is considered a consumer good and when used as intended is unlikely to present a hazard.

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

**Hazards Not Otherwise Classified (HNOC):** Causes mild skin irritation

**Signal Word:** Danger

**Hazard Statements:** Causes serious eye irritation  
 May cause respiratory irritation. May cause drowsiness or dizziness  
 Highly flammable liquid and vapor

**Precautionary Statements - Prevention:**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response:**

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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a poison center or doctor/physician if you feel unwell  
 IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage:**

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

**Precautionary Statements - Disposal:**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION**

Chemical Name	CAS No	Weight %
Isopropyl Alcohol	67-63-0	20-30
Ethylene Glycol Monobutyl Ether	111-76-2	1-10

**\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\***

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**4. FIRST AID MEASURES**

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact:** Wash with soap and water. If irritation persists or an allergic reaction occurs, call a physician.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If symptoms persist, call a physician.

**Ingestion:** Do not induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician.

**Most important symptoms and effects:**  
Symptoms: Causes serious eye irritation. Causes mild skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause nausea, vomiting, stomach ache, and diarrhea. Ingestion may cause central nervous system depression.

**Indication of any immediate medical attention and special treatment needed:**  
Notes to Physician: Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:**  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:**  
Not determined.

**Specific Hazards Arising from the Chemical:**  
Flammable.

**Hazardous Combustion Products:**  
Carbon oxides.

**Sensitivity to Mechanical Impact:**  
Not sensitive.

**Sensitivity to Static Discharge:**  
Yes.

**Protective equipment and precautions for firefighters:**  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**  
Personal Precautions: Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition.  
Environmental: See Section 12 for additional Ecological Information.  
Precautions:

**Methods and material for containment and cleaning up:**  
Methods for Containment: Prevent further leakage or spillage if safe to do so.  
Methods for Clean-Up: Use personal protective equipment as required. Wipe or soak up with absorbent material for disposal. Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:**  
Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear appropriate personal protective equipment. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep out of the reach of children.

**Conditions for safe storage, including any incompatibilities:**  
Storage Conditions: Keep away from incompatible materials, open flames, and high temperatures. Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children.  
Incompatible Materials: Strong oxidizing agents. Acids. Chlorinated compounds.

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## 8. EXPOSURE CONTROLS

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3 (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m3 (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m3	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m3 STEL: 500 ppm STEL: 1225 mg/m3
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m3 (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m3 (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m3

**Appropriate engineering controls:**

Engineering Controls: Showers. Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment:**

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: Protective gloves.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations: Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work areas and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid containing liquid
<b>Appearance:</b>	Liquid absorbed onto a towelette
<b>Color:</b>	Colorless
<b>Odor:</b>	Mild alcohol odor
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	7
<b>Melting Point/</b>	No information available
<b>Freezing Point:</b>	
<b>Boiling Point/</b>	No information available
<b>Boiling Range:</b>	
<b>Flash Point:</b>	12 °C / 54 °F
<b>Evaporation Rate:</b>	No information available
<b>Flammability</b>	Not determined
<b>(Solid, Gas):</b>	
<b>Upper Flammability</b>	No information available
<b>Limits:</b>	
<b>Lower Flammability</b>	No information available
<b>Limit:</b>	
<b>Vapor Pressure:</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	No information available
<b>Water Solubility:</b>	No information available
<b>Solubility in other</b>	No information available
<b>solvents:</b>	
<b>Partition Coefficient:</b>	Not determined
<b>Auto-ignition</b>	No information available
<b>Temperature:</b>	
<b>Decomposition</b>	No information available
<b>Temperature:</b>	
<b>Kinematic Viscosity:</b>	Not determined
<b>Dynamic Viscosity:</b>	Not determined
<b>Explosive Properties:</b>	Not determined
<b>Oxidizing Properties:</b>	Not determined
<b>VOC Content:</b>	No information available

**10. STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions.  
**Chemical Stability:** Stable under recommended storage conditions.  
**Possibility of Hazardous Reactions:** Hazardous polymerization does not occur.  
**Hazardous Polymerization:** Hazardous polymerization does not occur.  
**Conditions to Avoid:** Heat, flames and sparks. Incompatible Materials.  
**Incompatible Materials:** Strong oxidizing agents. Acids. Chlorinated compounds.  
**Hazardous Decomposition Products:** Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure:****Product Information:**

Eye Contact: Causes serious eye damage.  
 Skin Contact: Causes mild skin irritation.  
 Inhalation: Do not inhale.  
 Ingestion: Do not ingest.

**Component Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit)	= 72.6 mg/L (Rat) 4 h
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h

**Information on physical, chemical and toxicological effects:**

Symptoms: Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 67-63-0		Group 3		X
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

**Legend**

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**STOT - single exposure:**

May cause respiratory irritation. May cause drowsiness or dizziness.

**Chronic toxicity:**

Avoid repeated exposure. Contains a known or suspected reproductive toxin.

**Numerical measures of toxicity:**

Not determined

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl Alcohol 67-63-0	1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow through 11130:96 h <i>Pimephales promelas</i> mg/L LC50 static 140000: 96 h <i>Lepomis macrochirus</i> µg/L LC50		13299: 48 h <i>Daphnia magna</i> mg/L EC50
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 2950: 96 h <i>Lepomis macrochirus</i> mg/L LC50		1698 - 1940: 24 h <i>Daphnia magna</i> mg/L EC50 1000: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence/Degradability:**

Not determined.

**Bioaccumulation:**

Not determined.

**Mobility:**

Chemical Name	Partition Coefficient
Isopropyl Alcohol 67-63-0	0.05
Ethylene Glycol Monobutyl Ether 111-76-2	0.81

**Other Adverse Effects:**

Not determined.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods:**

Disposal of Wastes:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status:**

Chemical Name	California Hazardous Waste Status
Isopropyl Alcohol 67-63-0	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**Note:** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT:** Not regulated

**IATA:** Not regulated

**IMDG:** Not regulated

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## 15. REGULATORY INFORMATION

## International Inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS
Isopropyl Alcohol	Present	X		Present	
Ethylene Glycol	Present	X		Present	
Monobutyl Ether					

Chemical Name	ENCS	IECSC	KECL	PICCS	AICS
Isopropyl Alcohol	Present	X	Present	X	X
Ethylene Glycol	Present	X	Present	X	X
Monobutyl Ether					

## Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## US Federal Regulations:

## CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

## SARA 311/312 Hazard Categories:

Acute Health Hazard:	Yes
Chronic Health Hazard:	Yes
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No

## SARA 313:

Chemical Name	CAS No	Weight - %	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	27	1.0
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	3.72	1.0

## CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## US State Regulations:

## California Proposition 65:

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X
Ethylene Glycol Monobutyl Ether 111-76-2	X	X	X

## 16. OTHER INFORMATION

NFPA

Health Hazards:	2
Flammability:	3
Instability:	Not determined
Special Hazards:	Not determined

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HMIS

Health Hazards:	2
Flammability:	3
Physical Hazards:	0
Personal Protection:	B- Safety Glasses, Gloves

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