1. IDENTIFICATION AND GENERAL INFORMATION

P/N#: **0350, 0350-20, 0350-20PP, 0350-20PPD, 0350-200PU, 0350-1000, 0353**

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_2, 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.****

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 Precautions: See Section 12 for additional Ecological Information.

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.

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

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

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 Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow through 11130:96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50		13299: 48 h Daphnia magna mg/L EC50
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna 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

15. REGULATORY INFORMATION

International Inventories:

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

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

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		HMIS	
Health Hazards:	2	**Health Hazards:**	2
Flammability:	3	**Flammability:**	3
Instability:	Not determined	**Physical Hazards:**	0
Special Hazards:	Not determined	**Personal Protection:**	B- Safety Glasses, Gloves

Revised June 1, 2021 **Rev. J**

DISCLAIMER: THE INFORMATION FURNISHED HEREIN IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST DATA CURRENTLY AVAILABLE TO US. NO WARRANTY, EXPRESSED OR IMPLIED IS MADE AND ALLEGRO INDUSTRIES ASSUMES NO LEGAL RESPONSIBILITY OR LIABILITY RESULTING FROM ITS USE.