

Maxisafe Lens Cleaning Towelette



SAFETY DATA SHEET

PRODUCT CODE: ELT464

1. IDENTIFICATION

SDS #: HLC-007W

Recommended Use

Lens cleaner. Instrument care. Water based cleaner

Supplier Address

Techware Pty Ltd
30 Bonview Circuit
Truganina, Vic 3029 Australia

Company Phone Number

1300 062 947

Emergency Telephone

INFOTRAC 1-352-323-3500 (International)

Poisons Helpline

13 11 26



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

Classification

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 CO₂, 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/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight - %
Isopropyl Alcohol	67-63-0	20-30
Ethylene Glycol Monobutyl Ether	111-76-2	3-6

***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

Description of 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, both acute and delayed	
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.

Hazardous combustion products

Carbon Oxides.

Explosion Data

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	
Advice on Safe Handling	Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition.
Environmental Precautions	
Environmental Precautions	See Section 12 for additional Ecological Information.
Environmental precautions	
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 containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.
Incompatible Materials	Strong oxidizing agents. Acids. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines			
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/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³

Appropriate Engineering Controls	
Engineering Controls	Showers. Eyewash stations. Ventilation systems.
Individual Protection Measures, such as Personal Protective Equipment	
Eye/Face Protection	Refer to 29 CFR 1910.133 for eye and face protection regulations.
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

Information on basic Physical and Chemical properties			
Solid containing liquid	Solid containing liquid		
Appearance	Liquid absorbed onto a towelette		
Color	Colorless		
Odor	Mild alcohol odor		
Odor Threshold	Not determined		
Property	Values	Remarks	Method
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		
Flammability Limit in Air			
Upper flammability or explosive limits	No information available		
Lower flammability or explosive limits	No information available		
Vapor Pressure	No information available		
Vapor Density	No information available		
Relative Density	No information available		
Water Solubility	No information available		
Solubility in other solvents	No information available		
Partition Coefficient	Not determined		
Autoignition 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		
Other Information			
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	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m3 (Rat) 4 h
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h
Citrus Oils 8008-56-8	= 2840 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics	
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	OSHA
Isopropyl Alcohol 67-63-0	= 1870 mg/kg (Rat)	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			
The following values are calculated based on chapter 3.1 of the GHS document			
Oral LD50	7,114.00 mg/kg		
Dermal LD50	18,211.00 mg/kg		
ATEmix (inhalation-dust/mist)	48.70 mg/L		
ATEmix (inhalation-vapor)	48.70 mg/L		

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.

Component Information			
Chemical Name	ACGIH	IARC	OSHA
Isopropyl Alcohol 67-63-0	= 1870 mg/kg (Rat)	Group 3	X
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

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	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Isopropyl Alcohol	X	ACTIVE	X	X	X	X	X	X	X
Ethylene Glycol Monobutyl Ether	X	ACTIVE	X	X	X	X	X	X	X
Citrus Oils	X	ACTIVE	X			X	X	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).
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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	20-30	1.0
thylene Glycol Monobutyl Ether - 111-76-2	111-76-2	3-6	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.
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SARA 313

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

16. OTHER INFORMATION

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

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Revision Note: SDS sections updated

Disclaimer

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