

SECTION 1- CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Glass Cleaner

Product Use: Ready to Use Glass Cleaner

Use Restrictions: For Industrial and Professional Use Only

Manufacturer: Ultra-Look Corp.
3903 Progress Drive
Lakeland, FL 33811
Phone: 863-607-6700

Transportation Emergency: 800-535-5053 (INFOTRAC)

SECTION 2- HAZARDS IDENTIFICATION

1) GHS Classification of the substance or mixture:

Acute toxicity, Inhalation- Category 4
Acute toxicity, Dermal- Category 5
Acute toxicity, Oral- Category 4
Acute toxicity, Eye- Category 2B

2) Label Elements:



Signal Word: Warning

Hazard Statements:

H303- May be harmful if swallowed
H316- Causes mild skin irritation
H333- May be harmful if inhaled

Precautionary Statements:

P102- Keep out of reach of children
P234- Keep only in original container
P260- Do not breathe fume/mist/vapours/spray
P262- Do not get in eyes, on skin, or on clothing
P264- Wash skin thoroughly after handling
P280- Wear solvent resistant protective gloves and splash proof eyewear

Response Statements:

P303+P353+P361+P363- IF ON SKIN (or hair): Rinse skin with water/shower. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, and easy to do so. Continue Rinsing.

P304+P340+ IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301+P330+P331- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage and Disposal Statements:

P403- Store in a well-ventilated place.

P405- Store locked up.

P501- Dispose of contents/container in accordance with local/regional/national regulation.

Other Hazards:

OSHA HCS 2012- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered non- hazardous.

HMIS Classification:

Health Hazard- 1

Chronic Health Hazard- 0

Flammability- 0

Physical Hazards- A

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical/Common Name</u>	<u>CAS #</u>	<u>PERCENTAGE</u>	<u>HAZARDOUS</u>
2-Butoxy Ethanol	111-76-2	1-2%	Yes
Methyl Alcohol	67-56-1	6-10%	Yes

SECTION 4- FIRST AID MEASURES

Inhalation: If affected, remove individual to fresh air. If breathing is difficult administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet and obtain medical attention.

Skin: Immediately flush affected area with lots of water for at least 2 minutes. Remove contaminated clothing and wash before reuse.

Eyes: Flush immediately with large quantities of running water for at least 5 minutes. Obtain medical attention.

Ingestion: Immediately give a lot of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

SECTION 5-FIRE FIGHTING MEASURES

Flash Point: None to boiling

Autoignition Temperature: Non combustible

Lower Explosive Limit: N/A **Upper Explosive Limit:** N/A

General Hazards-

Fire: Product is not flammable or combustible.

Suitable Extinguishing Media: As required to fight surrounding fire.

Fire Fighting Procedures: Wear self contained breathing apparatus for fire fighting if necessary.

Unusual Fire and Explosion Hazards: None known

Hazardous Combustion Products: None known

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

Environmental precautions: Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up: Stop leak if you can do it without risk.

Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste disposal container.

SECTION 7- HANDLING AND STORAGE

Precautions for safe handling:

Avoid contact with skin and eyes by wearing protective clothing and equipment. Avoid inhalation of vapour or mist. Use only with adequate ventilation.

Conditions for safe storage:

Keep container tightly closed in a dry and well-ventilated place. Store away from acids, acidic materials and oxidizers.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Component	CAS #	ACGIH Exposure Limits	OSHA Exposure Limits
2-Butoxy Ethanol	111-76-2	25 ppm	50 ppm
Methyl Alcohol	67-56-1	200 ppm	200 ppm

Personal Protective Equipment-

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Hand protection: Wear protective gloves made from the following materials- nitrile rubber or polyethylene. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Wear safety glasses with side shields.

Skin and Body Protection: Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Products Description:	Clear blue liquid with characteristic odor
Solubility in Water:	Complete
Boiling Point:	None to boiling
Specific Gravity (WATER=1):	0.96
Vapor Pressure (mmHg):	N/D
Vapor Density (AIR=1):	N/D
Percent Volatile by Volume (%):	> 90.00
Evaporation Rate (WATER=1):	1
Flash Point (C.O.C.):	None
pH (1% w/w in water):	8-10

SECTION 10- STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions.

Material to Avoid: Avoid contact with acids and strong oxidizers such as permanganate, chlorine, ect.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None

SECTION 11- TOXICOLOGICAL INFORMATION

2-Butoxyethanol-

Acute oral toxicity- LD50 Oral: 1,414 mg/kg

Species: guinea pig

Remarks: Ingestion may cause weakness, confusion, anxiety, decreased blood pressure, and CNS depression with collapse and coma.

Acute inhalation toxicity- LC50: ~ 932 ppm

Exposure time: 4 HOURS

Species: guinea pig

Remarks: Exposure to vapor may cause irritation of the eyes, nose, and respiratory tract. May cause nausea. May cause headaches. Extensive and prolonged contact with skin may cause confusion, anxiety, decreased blood pressure, and CNS depression with collapse and coma.

Acute dermal toxicity- LD50: > 2,000 mg/kg

Species: guinea pig

Remarks: Minimal hazard by skin contact with liquid or vapor. This material may be absorbed through the skin. High dermal doses (most likely achieved from exposure to undiluted liquid) may cause weakness, headache and nausea. Extensive and prolonged contact with skin may cause confusion, anxiety, decreased blood pressure, and CNS depression with collapse and coma.

Methyl Alcohol-

Acute oral toxicity- LD50 Oral: 143 mg/kg

Species: Human

Remarks: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Acute inhalation toxicity- LC50: 128.2 mg/l

Species: Rat

Acute dermal toxicity- LD50: 17,100 mg/kg

Species: Rabbit

Remarks: Skin, eye or respiratory sensitization: no irritation or sensitization detected.

SECTION 12- ECOLOGICAL INFORMATION

Toxicity: Material data lacking.

Persistence and degradability: Material data lacking.

Bioaccumulative potential: Material data lacking.

Mobility in Soil: Material data lacking.

Other adverse effects: No studies have been found.

Other Information: No data is available on the adverse effects of this material on the environment.

SECTION 13- DISPOSAL CONSIDERATIONS

Further information: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of as hazardous waste in compliance with local and national regulations.

SECTION 14- TRANSPORT INFORMATION

Transport in accordance with all federal, state and local regulations.

DOT- Not regulated

SECTION 15- REGULATORY INFORMATION

OSHA Hazards: Flammable liquid, Target Organ Effect, Toxic by Inhalation, Toxic by ingestion, Toxic by skin absorption.

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 313 Components: The following components are subject to reporting levels established by SARA Title III, Section 313-

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

SARA 311/312 Hazards: Fire hazard, Acute health hazard, Chronic health hazard

Massachusetts Right to Know Components:

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

Pennsylvania Right to Know Components:

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

New Jersey Right to Know Components:

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

California Prop. 65 Components: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Product	CAS No.	Revision Date
Methanol	67-56-1	2007-07-01

SECTION 16- OTHER INFORMATION

References: Not available

Other Special Considerations: Not available

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