

All Weather Premium Glass Cleaner

SECTION 1. IDENTIFICATION

Product Identifier	All Weather Premium Glass Cleaner
Other Means of Identification	1129
Other Identification	UN1950
Recommended Use	Glass Cleaner.
Restrictions on Use	No information available.
Manufacturer/Supplier Identifier	Sunburst Chemicals, Inc., 220 W. 86th St., Bloomington, MN, 55420, 952-884-3144
Emergency Phone No.	Emergency Telephone Number, 1-866-303-6943
SDS No.	0003

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Flammable aerosol - Category 1

Label Elements



Signal Word:
Danger

Hazard Statement(s):
Extremely flammable aerosol.

Precautionary Statement(s):

Prevention:
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands and skin thoroughly after handling.
Keep away from flames and hot surfaces. – No smoking.
Pressurized container: may burst if heated.

General advice

IF exposed or concerned: Get medical advice or attention.

Eyes

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 or attention.

Skin
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.

Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTRE or doctor if you feel unwell.

Fire
In case of fire: Use CO2, dry chemical, or foam for extinction

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

Disposal:
Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
2-Butoxyethanol	111-76-2	2.5 - 10	
Isopropyl alcohol	67-63-0	2.5 - 10	
Butane	106-97-8	1.0 - 2.5	
Propane	74-98-6	1.0 - 2.5	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. Immediately call a Poison Centre or doctor.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek immediate medical attention/advice.

Ingestion

Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Immediately call a Poison Centre or doctor.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

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Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

Special Instructions

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water. Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Not sensitive to mechanical impact

Flammable. Vapours may travel to source of ignition and flash back. Vapours may form explosive mixtures with air. Most vapours are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become slippery.

Environmental Precautions

Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information. Dispose of contents/container to an approved waste disposal plant.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product.

Collect and reuse if possible. Following product recovery, flush area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Pressurized Container. Keep away from heat, sparks and open flame. No smoking. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Take precautionary measures against static discharges. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof.

Conditions for Safe Storage

Keep container tightly closed. Keep container closed when not in use. Keep out of the reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Propane			1000 ppm			

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Butane		1000 ppm			
Isopropyl alcohol	200 ppm		400 ppm		
2-Butoxyethanol	20 ppm		50 ppm		

A5 = Not suspected as a human carcinogen.

Appropriate Engineering Controls

Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Rubber or vinyl gloves recommended when handling solid chemicals or their use solutions.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless.
Odour	Alcoholic
Odour Threshold	Not available
pH	13.0 - 13.5
Melting Point/Freezing Point	Not applicable (melting); Not available (freezing)
Initial Boiling Point/Range	92 °C (198 °F)
Flash Point	69 °C (156 °F)
Evaporation Rate	Not applicable
Flammability (solid, gas)	Flammable solid.
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not applicable (kinematic); Not applicable (dynamic)
Other Information	
Physical State	Liquid
Use Dilution	Not available
VOC Content	VOC Content (%) = 0%

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

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Heat, flames and sparks.

Conditions to Avoid

Hot surfaces. Heat. Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eye contact; skin contact; inhalation.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Isopropyl alcohol	19000 ppm (rat)	4396 mg/kg (rat)	12870 mg/kg (rat)
2-Butoxyethanol	2.21 mg/L (rat) (4-hour exposure)	470 mg/kg (rat)	400 mg/kg (rabbit)

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

Causes skin irritation.

Serious Eye Damage/Irritation

Contact with eyes may cause irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause irritation of respiratory tract.

Ingestion

Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information available.

Respiratory and/or Skin Sensitization

No information available.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Isopropyl alcohol	Group 3			Listed
2-Butoxyethanol	Group 3	A3		

Group 3 – Not classifiable as to its carcinogenicity to humans.

A3 – Confirmed animal carcinogen.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not mutagenic.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful, with long lasting effects to aquatic life, based on acute toxicity tests.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Isopropyl alcohol	9640 mg/L (Pimephales promelas (fathead minnow); 96-hour)	13299 mg/L (Daphnia magna (water flea); 48-hour)	Not available	> 1000 mg/L (Desmodesmus subspicatus (algae); 96-hour)
2-Butoxyethanol	1490 mg/L (Lepomis macrochirus (bluegill); 96-hour)	Not available	Not available	Not available

Persistence and Degradability

No information available.

Bioaccumulative Potential

No information available.

Mobility in Soil

Studies are not available.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	UN1950	Aerosol	2.1	Not applicable

Environmental Hazards Not applicable**Special Precautions** Not applicable**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

Emergency Response Guide No. 154**Other Information** This product meets the exception requirements as a limited quantity and may be shipped as a limited quantity.

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SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

SARA Title III - Section 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
2-Butoxyethanol	111-76-2	2.5-10	1.0.

SARA Title III - Section 311/312:

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

California Proposition 65

This product contains no Proposition 65 chemicals.

U.S. EPA Label Information

EPA Pesticide Registration Number :

Not applicable.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CWA - Hazardous Substances :. (2-Butoxyethanol)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Hazardous Substances RQs:

2-Butoxyethanol 5000 lb final RQ/ RQ 2270 kg final RQ

U.S. State Right-to-Know Regulations

New Jersey Right To Know:. (2-Butoxyethanol)

Massachusetts Right To Know:. (2-Butoxyethanol)

Pennsylvania Right To Know:. (2-Butoxyethanol)

Illinois Right to Know:. (2-Butoxyethanol)

Rhode Island:. (2-Butoxyethanol)

New Jersey Right To Know:. (Isopropyl alcohol)

Massachusetts Right To Know:. (Isopropyl alcohol)

Pennsylvania Right To Know:. (Isopropyl alcohol)

Rhode Island:. (Isopropyl alcohol)

SECTION 16. OTHER INFORMATION

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NFPA Rating	Health - 1	Flammability - 2	Instability - 0
SDS Prepared By	SunBurst Chemicals		
Phone No.	952-884-3144		
Date of Preparation	October 03, 2017		
Date of Last Revision	May 25, 2016		
Revision Indicators	Update using CanWrite		