

SAFETY DATA SHEET

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union Reach Regulation, Directives 67/548/EC & 1999/45/EC and CLP Regulation 1272/2008/EC

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):	Glass Brite RTU
PRODUCT CODE:	FP-031
PRODUCT USE:	Glass cleaner
U.N. NUMBER:	None
U.N. DANGEROUS GOODS CLASS:	Non-Regulated Material
MANUFACTURER'S NAME:	
ADDRESS:	
BUSINESS PHONE:	
FAX#:	
EMERGENCY PHONE:	1-800-535-5053 or 1-352-323-3500
DATE OF PREPARATION:	April 20, 2015
DATE OF LAST REVISION:	January 1, 2019

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Product Description: This product is a dark light liquid with an alcohol odor.

Health Hazards: Harmful if swallowed, in contact with skin, and when inhaled. Skin and eye contact may cause irritation.

Flammability Hazards: Non-Flammable liquid with a flash point greater than 200°F.

Reactivity Hazards: None known.

Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

EU LABELING AND CLASSIFICATION:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION PER DIRECTIVE 1272/2008/EC:

Index Number:

EC# 231-791-2 - This substance is not classified in the Annex VI of Directive 67/548/EEC

EC# 203-905-0 - Annex VI Index#: 603-014-00-0

EC# 200-661-7 - Annex VI Index#: 603-117-00-0

Substances not listed either individually or in group entries must be self classified.

Component(s) Determining Hazards:

2-butoxyethanol, IPA

GHS Classifications:

Acute Toxicity (Oral) Category 4

Acute Toxicity (Dermal) Category 4

Acute Toxicity (Inhalation) Category 4

Skin Irritation Category 2

Eye Irritation Category 2A

Signal Word: Warning!

Hazard Statement:

H302: Harmful if swallowed

H312: Harmful in contact with skin

H332: Harmful if inhaled

P315: Causes skin irritation

H319: Causes serious eye irritation

Hazard Symbol:



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Prevention Statement:

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

Response Statement:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P330: Rinse mouth.

P302: IF ON SKIN: Wash with plenty of water.

P312: Call a POISON CENTER/doctor if you feel unwell.

P362+P364: Take off contaminated clothing and wash it before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

Storage Statement:

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal Statement:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of exposure for this product are by inhalation, skin contact, eye contact or ingestion.

ACUTE:

INHALATION: Inhalation of mists may be harmful.

CONTACT WITH SKIN: Harmful in contact with the skin. Repeated or prolonged contact may cause skin irritation.

EYE CONTACT: Contact may cause serious irritation resulting in redness or watering.




INGESTION: Harmful if swallowed. Ingestion may cause gastrointestinal irritation with nausea and diarrhea.

CHRONIC: None known

TARGET ORGANS: Acute: Eyes, Skin, Respiratory System

Chronic: None Known

3. COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	AMOUNT	HAZARD SYMBOLS	HAZARD CLASSIFICATION
Water	7732-18-5	231-791-2	70 - 98%	None	None
2-butoxyethanol	111-76-2	203-905-0	1 - 3%		ACUTE TOX. CAT 4 (ORAL, DERMAL, INHALATION) SKIN IRRIT. CAT 2 EYE IRRIT. CAT 2
IPA	67-63-0	200-661-7	1 - 3%	 	FLAM. LIQ. CAT 2 EYE IRRIT. CAT 2 STOT SE 3 (DROWSINESS)
Each of the other components is present in less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Regulation 1272/2008 and the Japanese Industrial Standard JIS Z 7250: 2000.

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4. FIRST-AID MEASURES

- EYE CONTACT:** If chemical contacts the eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. Remove contact lenses, if worn. Seek medical attention.
- SKIN CONTACT:** Wash contacted area with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops and persists.
- INHALATION:** If chemical is inhaled, or breathing is difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
- INGESTION:** If chemical is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Victims of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of the label and MSDS with the victim to the health professional.

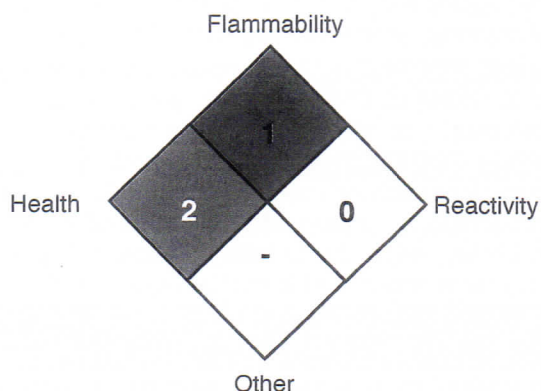
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, eye problems, and impaired respiratory function may be more susceptible to the effects of the substance.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: >200° F
AUTOIGNITION TEMPERATURE: Not Available
FLAMMABLE LIMITS (in air by volume, %): Lower 15.6 Upper 1.7
FIRE EXTINGUISHING MATERIALS: Dry chemical, Foam, Carbon Dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known
Explosion Sensitivity to Mechanical Impact: Not Sensitive
Explosion Sensitivity to Static Discharge: Not Sensitive
SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Proper protective equipment should be used.

SPILLS: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Dispose of in accordance with applicable Federal, State, and local regulatory procedures (see Section 13, Disposal Considerations).

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product.

STORAGE AND HANDLING PRACTICES: Protect from physical damage. Do not expose to heat or open flame.

SPECIFIC USES: Glass Cleaner.

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8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Component Name	CAS#	ACGIH-TLVs	OSHA PELs	NIOSH- TLV's	Other
Water	7732-18-5	None Listed	None Listed	None Listed	Not Listed
2-butoxyethanol	111-76-2	20 PPM	240 mg/m ³	24 mg/m ³	Not Listed
IPA	67-63-0	200 PPM	400 PPM 980 mg/m ³	400 PPM 980 mg/m ³	Not Listed

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the established limits.

Currently, International exposure limits are not established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not normally required with this product. If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Splash goggles or safety glasses with side shields recommended to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible protective gloves required. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate for task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR: This product is a light blue liquid.

ODOR: Alcohol odor.

ODOR THRESHOLD: Not Available

pH: Not available

MELTING/FREEZING POINT: < 32°F

BOILING POINT: >180°F (82°C)

FLASH POINT: >200°F

EVAPORATION RATE (n-BuAc=1): Not Available

FLAMMABILITY (SOLID, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS: UEL 15.6 LEL 1.7

VAPOR PRESSURE (mm Hg @ 20°C (68°F): Not Available

VAPOR DENSITY: Heavier than air

RELATIVE DENSITY: Not Available

DENSITY: Not Available

SPECIFIC GRAVITY: 0.95

SOLUBILITY IN WATER: Soluble

WEIGHT PER GALLON: Not Available

PARTITION COEFFICIENT (n-octanol/water): Not Applicable

AUTO-IGNITION TEMPERATURE: Not Applicable

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Available

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VOC g/l / Lb/gal: 0

10. STABILITY and REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage

DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizing agents, strong acids.

HAZARDOUS DEPOLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive temperatures, open flames.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:

2-butoxyethanol	111-76-2	LD50 Oral – Rat	470 mg/kg
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SUSPECTED CANCER AGENT: Components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds:

IRRITANCY OF PRODUCT: This product may be irritating to eyes, skin and respiratory system.

SENSITIZATION TO THE PRODUCT: None known

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans.

Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY:

2-butoxyethanol	111-76-2	LC50 – Fish	280 mg/l - 96 h
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MOBILITY IN SOIL: No Data

PERSISTENCE/DEGRADABILITY: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

ENVIRONMENTAL STABILITY: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

BIOACCUMULATION/ACCUMULATION: These products have not been tested for bio-accumulation potential.

WATER ENDANGERMENT CLASS: Not Established

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

EU Waste Code: Not Listed

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

RQ QUANTITY: None

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MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is considered as dangerous goods.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is considered as dangerous goods.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS

The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

SECTION 302 (RQ): None

SECTION 302 (TPQ): None

SECTION 313: IPA CAS# 67-63-0

TSCA

All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312: Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain a component above the 0.1% level which is listed as a California Proposition 65 chemical.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product has been classified per WHMIS 2015 standards

EU HAZARD INFORMATION:

See section 2 for details

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS or exempt.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftlist List of Toxic Substances: Listed

U.S. TSCA: Listed

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16. OTHER INFORMATION

PREPARED BY: Chris Eigbrett
DATE: April 20, 2015

MSDS to GHS Compliance

All chemicals may pose unknown hazards and should be used with cautions. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, ALLBRITE CAR CARE PRODUCTS assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

ABBREVIATIONS AND ACRONYMS:

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

End of SDS Sheet