



XTREME CLEAN OUTDOOR GLASS
Spray and Rinse

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Pioneer Brite, Inc. 1381
Heistan Place
Memphis, TN 38104**

Telephone Number:
Office: (901) 725-7695
Emergency Phone Number:
INFOTRAC 011-1-352-323-3500 (International)
1-800-535-5053 (North America)

Product ID: 105900 - 04

Recommended use of the product and restrictions on use: Glass, Wall and equipment
cleaning. **Date Revised:** March 24, 2022

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical	Health
Not Classified	Acute Toxicity Category 4 (Oral) Eye Damage Category 1 Skin Corrosion Category 1

GHS Label Elements:



DANGER: Causes severe skin burns and eye damage. Harmful if swallowed.

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Prevention

Keep only in original container.

Do not breathe mist, vapors, or spray.

Wash thoroughly after handling.

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

Wear protective gloves, protective clothing, eye protection, and face protection.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water or shower.

Immediately call a POISON CENTER or doctor.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTER or doctor.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor.

Absorb spillage to prevent material damage.

Storage

Store in corrosive resistant container with a corrosive resistant inner liner.

Store locked up.

Disposal

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percent
Surfactants and Non-Hazardous Ingredients	Mixture	60-80
Organic Acid Salts	Proprietary	5-15
Proprietary Acid Mixture	Proprietary	5-15
Ethylene glycol monobutyl ether	111-76-2	<1

The exact concentration is being withheld as a trade secret.

4. FIRST AID MEASURES

EYE: Immediately flush victim's eyes with large quantities of water, while holding the eyelids apart for at least 30 minutes. Remove contact lenses, if present and easy to do. Get immediate medical attention.

SKIN: Immediately flush skin with plenty of water for 20 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Launder clothing before re-use. (Discard contaminated shoes).

INGESTION: Immediately contact your poison control center or emergency department. Rinse mouth with a small amount of water and give one glass of water to dilute. Do NOT induce vomiting. Do not give anything by mouth if victim is convulsing or drowsy.

INHALATION: Remove to fresh air. If not breathing use artificial respiration. If breathing is difficult, have qualified personnel administer oxygen. Get immediate medical attention.

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MOST IMPORTANT SYMPTOMS: Causes severe eye and skin irritation and burns. Inhalation of mists may cause severe irritation and burns to the nose, throat and respiratory tract. Ingestion may cause severe mucous membrane and gastrointestinal irritation and burns with nausea and vomiting, diarrhea, shock and death. Harmful if swallowed.

INDICATION OF IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT:

Immediate medical attention is needed for all routes of exposure.

5. FIRE FIGHTING MEASURES

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA: This product is not combustible. Use media appropriate for surrounding fire. Water spray may be used to keep fire exposed containers cool.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Product is not classified as flammable or combustible but may decompose under fire conditions. Material is highly acidic and may react with metals to product flammable or toxic gasses. Thermal decomposition may release oxides of carbon, nitrogen, and hydrogen fluoride.

FIRE-FIGHTING INSTRUCTIONS: Firefighters must wear positive pressure SCBA and full protective clothing for all fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, and EMERGENCY

PROCEDURES: Evacuate spill area and keep unprotected personnel away. Do not breathe mists, vapors, or spray. Ventilate area. Prevent contact with the eyes, skin and clothing. Wear appropriate protective clothing as described in Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain spilled liquid. Use acid spill kit, or carefully neutralize with caustic soda, lime or other alkaline material. Collect with inert absorbent material and place in appropriate containers for disposal. Prevent from entering watercourse, sewers and natural waterways. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Do not breathe mists, vapors, or spray. Prevent contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Do not eat, drink, or smoke while using this product. Keep containers closed when not in use.

Empty containers retain product residues and may be hazardous. Do not reuse containers. Follow all SDS precautions in handling empty containers.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY COMPATIBILITIES: Store in original or corrosion resistant containers. Store in a cool, well-ventilated area away from excessive heat and incompatible materials.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Organic Acid Salts	None Established
Proprietary Acid Mixture	None Established
Ethylene glycol monobutyl ether (EGBE)	20 ppm TWA ACGIH TLV 50 ppm TWA OSHA PEL
Proprietary Surfactants	None Established

ENGINEERING CONTROLS: Use with local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

RESPIRATORY PROTECTION: For operations where exposure levels are excessive, an approved respirator, or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SKIN PROTECTION: Wear chemically resistant gloves to prevent contact.

EYE PROTECTION: Wear chemical safety goggles with side shields and to prevent eye contact. Consider the use of a face shield for splash or wind protection if used in a windy area.

OTHER: Wear additional protective clothing as necessary to prevent skin contact. Emergency eye wash and suitable washing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear liquid with slight amber color with a characteristic odor

Physical State: Liquid	Odor Threshold: Not established
Vapor Density: Same as water	Initial Boiling Point/Range: Not determined
Relative Density: Not determined	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Evaporation Rate: Not determined
VOC Content: Not determined	pH: Not determined
Solubility: Soluble in water	Octanol/Water Coefficient: Not determined
Viscosity: Water like	Decomposition Temperature: Not determined
Flashpoint: None	Flammability (solid, gas): Not applicable
Flammable Limits: LEL: Not applicable	Autoignition Temperature: Not determined
UEL: Not applicable	

10. STABILITY AND REACTIVITY

REACTIVITY: Reacts with aluminum. May react with other metals. Will react with oxidizing, and basic materials.

CHEMICAL STABILITY: Stable under normal storage and handling conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Will react violently with strong oxidizers, and bases.

CONDITIONS TO AVOID: Avoid contact with incompatible materials.

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INCOMPATIBLE MATERIALS: Strong oxidizing agents, bases, organic materials, chlorates, carbides, nitrates, powdered metals, fulminates, and combustible liquids.

HAZARDOUS DECOMPOSITION PRODUCTS: Material is highly acidic and may react with metals to produce flammable or toxic gasses. Thermal decomposition may release oxides of carbon, nitrogen, and hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

INGESTION: Swallowing may cause severe oral mucous membrane and gastrointestinal irritation or burns with nausea, gastroenteritis, vomiting, shock, and convulsions.

INHALATION: Mists may cause severe irritation and burns to the eyes, mucous membranes and upper respiratory system.

EYE: Causes severe eye irritation and chemical burns with possible permanent injury and blindness. May cause permanent eye damage.

SKIN: Causes severe skin irritation and chemical burns.

CHRONIC EFFECTS: Prolonged exposure may cause permanent damage to eye, skin and respiratory tract.

CARCINOGENICITY: None of the other components of this product are listed as carcinogens or suspected carcinogens by IARC, NTP or OSHA.

GERM CELL MUTAGENICITY: No data available for the product. This product is not expected to cause mutagenicity.

REPRODUCTIVE TOXICITY: No data available for the product. This product is not expected to cause reproductive harm.

NUMERICAL MEASURES OF TOXICITY:

Product ATE: Oral LD50: 1350 mg/kg

Organic Acid Salts: Oral rat LD50: 1121 mg/kg

Proprietary Acid Mixture: ATE Oral LD50: >300 – 2000mg/kg; ATE Dermal LD50: >1000 – 2000;

ATE Inhalation LC50: >1.0 – 5.0 mg/L

Ethylene glycol monobutyl ether (EGBE): Oral rat LD50: 1300 mg/kg; Dermal rat LD50: >2000 mg/kg

Proprietary Surfactants: Oral rat LD50: >300 - 2000 mg/kg

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Proprietary Additive: 48 hr LC50 Daphnia magna- 0.577 mg/L

Organic Acid Salts: 96hr. LC0 Oncorhynchus mykiss: > 142 mg/L;

48hr. LC50 Ceriodaphnia dubia: 71 mg/L

Proprietary Acid Mixture: No data available.

Ethylene glycol monobutyl ether (EGBE): 96hr. LC50 Oncorhynchus mykiss: 1474 mg/L;

48hr. LC50 Daphnia magna: 1550 mg/L

Proprietary Surfactants (Based on similar material): 96hr. LC50 Fish: 1-10 mg/L;

48hr. LC50 Daphnia magna: 1-10 mg/L

PERSISTENCE AND DEGRADABILITY: No data available for product.

BIOACCUMULATIVE POTENTIAL: No data available for product.

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MOBILITY IN SOIL: No data available for product.

OTHER ADVERSE EFFECTS: No data available for product.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with current local, state and federal regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION:

Not regulated for transport under DOT.

15. REGULATORY INFORMATION

Federal Regulations

CERCLA 103 Reportable Quantity: This product has no Reportable Quantity (RQ) Many states have more stringent reporting requirements. Report spills and other releases as required under federal, state and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Refer to Section 2 for OSHA Hazard Classification.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None listed

Section 302 Extremely Hazardous Substances (TPQ): None listed

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

NFPA RATING:	Health = 3	Fire = 0	Instability = 0
HMIS RATING:	Health = 3	Fire = 0	Physical Hazard = 0

Date of Current Revision: 03/24/2022

Revision Summary: New SDS.

Date of Previous Revision: N/A

The information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use. Neither the seller nor preparer makes and warranties, express or implied, concerning the information presented.