

XtreamX Glass Brite Plus

Safety Data Sheet

SECTION 1: Product and company identification

Product name : XtreamX Glass Brite Plus
Use of the substance/mixture : Cleaner
Product code : 8312
Company : CUSTOM CLS
4009 Market St. Unit. N.
Upper Chichester PA, PA 19014 - US
T 484-483-7830
Emergency number : 484-483-7830

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Press. Gas (Comp.) H280

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US)



GHS04

Signal word (GHS US) : Warning
Hazard statements (GHS US) : Contains gas under pressure; may explode if heated.
Precautionary statements (GHS US) : Protect from sunlight. Store in a well-ventilated place.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Ethanol (Solvent)	(CAS-No.) 64-17-5	2.5 – 10	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 Carc. 1A, H350 STOT SE 3, H336
Butoxyethanol (Solvent)	(CAS-No.) 111-76-2	2.5 – 10	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304
Propane (Propellant gas (Aerosol))	(CAS-No.) 74-98-6	1 – 2.5	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Butane (Propellant gas (Aerosol))	(CAS-No.) 106-97-8	1 – 2.5	Flam. Gas 1, H220 Press. Gas (Comp.), H280

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact : Take victim to a doctor if irritation persists.

XtreamX Glass Brite Plus

Safety Data Sheet

First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
------------------------------------	--

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water fog. Foam. Dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

Explosion hazard	: Contains gas under pressure; may explode if heated.
Reactivity	: Upon combustion: CO and CO ₂ are formed.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Evacuate unnecessary personnel. Gas is denser than air. May accumulate in low areas e.g. close to the ground. Stay upwind/keep distance from source.
------------------	--

6.1.1. For non-emergency personnel

Protective equipment	: Advise local authorities if considered necessary. Do not enter without an appropriate protective equipment.
----------------------	---

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid discharge to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Eliminate every possible source of ignition. No open flames, no sparks, and no smoking. Stop leak if safe to do so. Move the cylinder to a safe and open area if the leak is irreparable.
Methods for cleaning up	: Clean contaminated surfaces with an excess of water. Carefully collect the spill/leftovers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any incandescent material. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. . Ground/bond container and receiving equipment. Do not re-use empty containers. Avoid contact with skin, eyes and clothing. Observe normal hygiene standards. Use only outdoors or in a well-ventilated area.
-------------------------------	--

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Do not puncture, incinerate or crush.
Storage conditions	: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat.
Incompatible materials	: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.
Storage area	: Keep out of direct sunlight. Flam. Aerosol 1.

SECTION 8: Exposure controls/personal protection

XtreamX Glass Brite Plus

Safety Data Sheet

8.1. Control parameters

Ethanol (64-17-5)		
ACGIH	ACGIH OEL STEL [ppm]	1000 ppm
ACGIH	Remark (ACGIH)	URT irr
OSHA	OSHA PEL TWA [1]	1900 mg/m ³
OSHA	OSHA PEL TWA [2]	1000 ppm

Butoxyethanol (111-76-2)		
ACGIH	ACGIH OEL TWA [ppm]	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL TWA [1]	240 mg/m ³
OSHA	OSHA PEL TWA [2]	50 ppm

Propane (74-98-6)		
ACGIH	ACGIH OEL TWA [ppm]	1000 ppm
ACGIH	Remark (ACGIH)	Simple Asphyxiant
OSHA	OSHA PEL TWA [1]	1800 mg/m ³
OSHA	OSHA PEL TWA [2]	1000 ppm

Butane (106-97-8)		
ACGIH	ACGIH OEL TWA [ppm]	1000 ppm

8.2. Exposure controls

Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary.
Gloves. Safety glasses. Protective clothing.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: light yellow, Aerosols
Odour	: characteristic
Odour threshold	: No data available
pH	: 9.1 – 10.1 Estimated
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 212 °F Estimated
Flash point	: -156 °F Propellant estimated
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapour density at 20°C	: No data available
Density	: 0.977 – 0.997 g/ml
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO₂ are formed.

XtreamX Glass Brite Plus

Safety Data Sheet

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur. No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Ethanol (64-17-5)

LD50 oral rat	10470 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 15800 mg/kg bodyweight (Rabbit, Experimental value, Dermal)
LC50 Inhalation - Rat	124.7 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CLP (oral)	10740 mg/kg bodyweight

Butoxyethanol (111-76-2)

LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation : Not classified.
pH: 9.1 – 10.1 Estimated

Serious eye damage/irritation : Not classified.
pH: 9.1 – 10.1 Estimated

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Ethanol (64-17-5)

IARC group	1 - Carcinogenic to humans
------------	----------------------------

Butoxyethanol (111-76-2)

IARC group	3 - Not classifiable
------------	----------------------

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified.

Butoxyethanol (111-76-2)

NOAEL (oral, rat, 90 days)	see comments
NOAEL (dermal, rat/rabbit, 90 days)	see comments

Aspiration hazard : Not classified

Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.

SECTION 12: Ecological information

12.1. Toxicity

XtreamX Glass Brite Plus

Safety Data Sheet

Ethanol (64-17-5)	
LC50 - Fish [1]	15300 mg/l (US EPA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)

Butoxyethanol (111-76-2)	
LC50 - Fish [1]	1474 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	100 mg/l Water flea
ErC50 algae	1840 mg/l Pseudokirchneriella subcapitata
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

12.2. Persistence and degradability

Ethanol (64-17-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O ₂ /g substance
Chemical oxygen demand (COD)	1.7 g O ₂ /g substance
ThOD	2.1 g O ₂ /g substance

12.3. Bioaccumulative potential

Ethanol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.35 (Experimental value, Equivalent or similar to OECD 107, 24 °C)
Bioaccumulative potential	Not bioaccumulative.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container to comply with local/regional/national/international regulations.
Product/Packaging disposal recommendations	: Container under pressure. Do not drill or burn even after use. Dispose of contents/container to comply with local/regional/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description (DOT)	: UN1950 Aerosols non-flammable, (each not exceeding 1 L capacity), 2.2
UN-No.(DOT)	: UN1950
Proper Shipping Name (DOT)	: Aerosols non-flammable, (each not exceeding 1 L capacity)
Class (DOT)	: 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
Hazard labels (DOT)	: 2.2 - Non-flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx)	: None
DOT Packaging Bulk (49 CFR 173.xxx)	: None
DOT Packaging Exceptions (49 CFR 173.xxx)	: 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
DOT Vessel Stowage Location	: A
DOT Vessel Stowage Other	: 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

Additional information

Other information	: When transported by ground, this product may be eligible to be shipped as a Limited Quantity utilizing the exception found at 49 CFR 173.306. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.
-------------------	--

ADR

No additional information available

Transport by sea

XtreamX Glass Brite Plus

Safety Data Sheet

UN-No. (IMDG)	: UN1950
Proper Shipping Name (IMDG)	: Aerosols, non-flammable
Class (IMDG)	: 2.2 - Non-flammable, non-toxic gases

Air transport

UN-No. (IATA)	: UN1950
Proper Shipping Name (IATA)	: Aerosols, non-flammable
Class (IATA)	: 2.2 - Gases : Non-flammable, Non-toxic

SECTION 15: Regulatory information

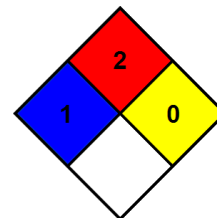
All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard	: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.