

XtreamX Jet Force Coil Cleaner

Safety Data Sheet

SECTION 1: Product and company identification

Product name : XtreamX Jet Force Coil Cleaner
Use of the substance/mixture : Aerosol Cleaner
Product code : 8021
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
Flam. Aerosol 1 H222
Eye Irrit. 2A H319
Skin Sens. 1 H317

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US)



GHS02

GHS07

Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: Extremely flammable aerosol.
May cause an allergic skin reaction.
Causes serious eye irritation.

Precautionary statements (GHS US)

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid breathing gas.
Wash thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, eye protection, face protection.
If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see First aid measures on this label).
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container to comply with local/regional/national/international regulations..

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
Butane	(CAS-No.) 106-97-8	2.5 – 10	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Butoxyethanol	(CAS-No.) 111-76-2	1 – 2.5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315

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			Eye Irrit. 2A, H319 Asp. Tox. 1, H304
Propane	(CAS-No.) 74-98-6	1 – 2.5	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Tetrasodium EDTA	(CAS-No.) 64-02-8	1 – 2.5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Ethoxydiglycol	(CAS-No.) 111-90-0	1 – 2.5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
Sodium Nitrite	(CAS-No.) 7632-00-0	0.1 – 1	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2A, H319 Carc. 1B, H350
Lemon Oil Terpenes	(CAS-No.) 68917-33-9	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317
Terpene Hydrocarbons	(CAS-No.) 68956-56-9	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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 after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- First-aid measures after skin contact : Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin.
- 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 : Call a physician immediately.

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

- Symptoms/effects : Causes serious eye irritation. May cause an allergic skin reaction. Extremely flammable.
- Symptoms/effects after inhalation : Irritation of the nasal mucous membranes.
- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Causes serious eye irritation.
- Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable aerosol. Under fire conditions closed containers may rupture or explode.
- Explosion hazard : Contents under pressure. Pressurised container: May burst if heated.
- Reactivity : Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Move containers away from the fire area if this can be done without risk. 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

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General measures : Stay upwind/keep distance from source. Evacuate unnecessary personnel. Vapours may travel long distances along ground before igniting/flashing back to vapour source.

6.1.1. For non-emergency personnel

Protective equipment : Do not enter without an appropriate protective equipment. Advise local authorities if considered necessary. Do not touch spilled material. Ventilate the area thoroughly, especially low lying areas (basements, workpits etc).

Emergency procedures : Do not breathe gas. Evacuate unnecessary personnel. Keep upwind. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Advise local authorities if considered necessary. Stop leak if safe to do so. Do not contaminate water with the product or its container. Prevent entry to sewers and public waters. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Eliminate every possible source of ignition. Prevent the product from entering drains or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Vapours are heavier than air and may spread along floors. Stop leak if safe to do so. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. Isolate area until gas has dispersed. Collect spillage.

Methods for cleaning up : Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Dispose as hazardous waste.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not use if spray button is missing or defective. Do not pierce or burn, even after use. Keep away from heat, sparks and flame.

Precautions for safe handling : Avoid prolonged and repeated contact with skin. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Do not breathe gas/vapour/aerosol. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not spray on a naked flame or any incandescent material. Do not smoke while handling product. Ground/bond container and receiving equipment. Do not re-use empty containers. Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Observe normal hygiene standards. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not discharge the waste into the drain.

Hygiene measures : Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Pressurized container. Do not puncture, incinerate or crush. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep cool. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Refrigerate.

Storage temperature : < 49 °C

Storage area : Aerosol 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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)

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ACGIH	ACGIH OEL TWA [ppm]	1000 ppm
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Tetrasodium EDTA (64-02-8)

Not applicable

Ethoxydiglycol (111-90-0)

Not applicable

Sodium Nitrite (7632-00-0)

Not applicable

Lemon Oil Terpenes (68917-33-9)

Not applicable

Terpene Hydrocarbons (68956-56-9)

Not applicable

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Personal protective equipment : Gloves. Protective goggles. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: Aerosol, Clear, colorless liquid
Odour	: characteristic
Odour threshold	: No data available
pH	: No data available
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	: 0.989 g/ml Estimated
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.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

Exposure to air.

10.5. Incompatible materials

Oxygen. Do not mix with other chemicals. None known.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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

Tetrasodium EDTA (64-02-8)

LD50 oral rat	1780 – 2000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
ATE CLP (oral)	500 mg/kg bodyweight

Ethoxydiglycol (111-90-0)

LD50 oral rat	1920 mg/kg
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Sodium Nitrite (7632-00-0)

ATE CLP (oral)	100 mg/kg bodyweight
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Skin corrosion/irritation : Not classified.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified.

Butoxyethanol (111-76-2)

IARC group	3 - Not classifiable
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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 inhalation : Irritation of the nasal mucous membranes.
Symptoms/effects after skin contact : May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye irritation.
Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Likely routes of exposure : Skin and eyes contact;Inhalation

SECTION 12: Ecological information

12.1. Toxicity

Butoxyethanol (111-76-2)	
LC50 - Fish [1]	1474 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	100 mg/l Water flea

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ErC50 algae	1840 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

Tetrasodium EDTA (64-02-8)	
LC50 - Fish [1]	121 mg/l (US EPA, 96 h, <i>Lepomis macrochirus</i> , Static system, Fresh water, Experimental value, Soft water)
EC50 - Crustacea [1]	625 mg/l (DIN 38412-11, 24 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 100 mg/l (EU Method C.3, 72 h, <i>Desmodesmus subspicatus</i> , Static system, Fresh water, Weight of evidence, Nominal concentration)

12.2. Persistence and degradability

Tetrasodium EDTA (64-02-8)	
Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	< 0.002 g O ₂ /g substance
Chemical oxygen demand (COD)	0.54 – 0.58 g O ₂ /g substance

12.3. Bioaccumulative potential

Tetrasodium EDTA (64-02-8)	
BCF - Fish [1]	1.1 – 1.8 (28 day(s), <i>Lepomis macrochirus</i> , Flow-through system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-13.17 (QSAR, KOWWIN, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Contents under pressure. Do not puncture, incinerate or crush.
Product/Packaging disposal recommendations	: 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 flammable, (each not exceeding 1 L capacity), 2.1
UN-No.(DOT)	: UN1950
Proper Shipping Name (DOT)	: Aerosols flammable, (each not exceeding 1 L capacity)
Class (DOT)	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT)	: 2.1 - Flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx)	: None
DOT Packaging Bulk (49 CFR 173.xxx)	: None
DOT Special Provisions (49 CFR 172.102)	: N82
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.
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No additional information available

Transport by sea

UN-No. (IMDG) : UN1950
Proper Shipping Name (IMDG) : AEROSOLS
Class (IMDG) : 2.1 - Flammable gases

Air transport

UN-No. (IATA) : UN1950
Proper Shipping Name (IATA) : Aerosols, flammable
Class (IATA) : 2.1 - Gases : Flammable

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

Sodium Nitrite	7632-00-0
Ethoxyethanol	110-80-5

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Sodium Nitrite	(7632-00-0)	CERCLA RQ100 lb
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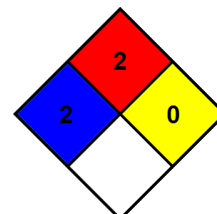
WARNING

This product can expose you to Benzyl chloride, which is known to the State of California to cause cancer, and Ethylene glycol (ingested), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
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.