

CoolJect Topical Anesthetic Canister

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.
Issue date: 8/24/2021 Revision date: 8/24/2021 Version: 1.0

COOLJECT™ TOPICAL ANESTHETIC CANISTER

2 WT. OZ. (60GM)

For use only with Coolject Accessory

SAFETY DATA SHEET (SDS)

1.1. Identification

Product form : Mixture
Product name : CoolJect Topical Anesthetic Canister
Product code : VM02000

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Topical Anesthetic

1.3. Supplier

Manufacturer

Vapocoolshot, Inc
645 Park of Commerce Way.
Boca Raton, Fl. 33487 USA
T 1-833-cooljct, 1-833-266-5528
Vapocoolshot.com

1.4. Emergency telephone number

Emergency number : 1-833-cooljct, (1-833-266-5528)

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SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Press. Gas (Comp.)
Simple Asphy

Contains gas under pressure; may explode if heated
May displace oxygen and cause rapid suffocation

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: Contains gas under pressure; may explode if heated
May displace oxygen and cause rapid suffocation

Precautionary statements (GHS US)

: Protect from sunlight. Store in a well-ventilated place. Keep away from sparks, heat, open flames and hot surfaces. No smoking. Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C/122°F

2.3. Other hazards which do not result in classification

This product does not contain any substance classified as PBT or vPvB.

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	%
1,1,1,3,3-Pentafluoropropane	CAS-No.: 460-73-1	>90
1,1,1,2-Tetrafluoroethane	CAS-No.: 811-97-2	<10

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation

: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention immediately if you feel unwell. DO NOT give epinephrine (adrenaline).

First-aid measures after skin contact

: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists. If frostbite occurs thaw frosted parts with lukewarm water. Do not rub affected area. Do not use hot water.

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First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for at least 15 several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If frostbite occurs thaw frosted parts with lukewarm water (lifting lids occasionally to facilitate irrigation). Do not rub affected area. Do not use hot water.
First-aid measures after ingestion	: Not expected to be a primary route of exposure. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention immediately if you feel unwell. DO NOT give stimulants.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May displace oxygen and cause rapid suffocation. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. When oxygen levels in air reduced to 12-14% by displacement, symptoms of asphyxiation, loss of coordination, increased pulse rate and deeper respiration will occur. At high levels, cardiac arrhythmia may occur.
Symptoms/effects after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause frostbite on contact the liquefied gas.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause frostbite on contact the liquefied gas.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Discomfort due to volatility would be expected.

4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.

5.2. Specific hazards arising from the chemical

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon. Thermal decomposition or combustion products may include harmful gases and vapors.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Bursting aerosol containers may be propelled from a fire at high speed. Not flammable at ambient temperatures and atmospheric pressure. However this material will become combustible when mixed with air under pressure and exposed to strong ignition sources contact with certain reactive metals may result in formation of explosive or exothermic reactions under specific conditions (e.g. very high temperatures and/or appropriate pressures).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray. Firefighters should wear self-contained, NIOSH approved breathing apparatus for protection against possible toxic decomposition products. Proper eye and skin protection should be provided. The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.
Protection during firefighting	: Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent release to the environment

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Remove all sources of ignition. Wear recommended personal protective equipment.

Methods for cleaning up : Provide ventilation and allow gas to dissipate.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Container under pressure. Do not drill or burn even after use. Risk of explosion.

Precautions for safe handling : Avoid contact with eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Do not swallow. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Handle and open container with care. Keep container upright. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled area. Evacuate area.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Store away from direct sunlight or other heat sources. Store tightly closed in a dry, cool and well-ventilated place. Protect against physical damage. Do not subject to temperatures above 120°F(50°C). Do not store near heat source or expose to high temperatures. Store away from incompatible materials (see section 10). Keep only in original containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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WASTE DISPOSAL METHOD: Comply with federal, state, and local laws.

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

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8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable impervious gloves. Neoprene, nitrile or butyl rubber.

Eye protection:

Safety glasses or goggles are recommended when using product. Contact lenses should not be worn under such conditions. Avoid contact with eyes.

Skin and body protection:

Wear suitable protective clothing. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Avoid inhalation of vapors and spray/mist.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: Aerosol. Liquefied gas
Color	: Colorless Liquid
Odor	: Faint Ethereal, Sweet
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 7 °C (44.6 °F)
Flash point	: None
Relative evaporation rate (butyl acetate=1)	: >1
Flammability (solid, gas)	: Not flammable.
Vapor pressure	: (@72 °F): 10.8 psig
Relative vapor density at 20 °C	: No data available
Relative density	: 1.3 @ 20°C
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 4.7 mm ² /s (Air=1 BP)
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

WASTE DISPOSAL METHOD: Comply with federal, state, and local laws.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

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10.2. Chemical stability

Stable under normal conditions. Contains gas under pressure; may explode if heated.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Incompatible materials. Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products. Do not mix with oxygen or air above atmospheric pressure. Pressurized container may burst if heated.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids and alkalis, reactive metals e.g., powdered or freshly abraded aluminum (may cause strong exothermic reactions), sodium, potassium, calcium, magnesium, zinc, molten aluminum, barium, and lithium shavings.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Halogens and halogen acids; and possibly carbonyl halides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: 4.7 mm ² /s (Air=1 BP)
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May displace oxygen and cause rapid suffocation. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. Evidence of transient anesthetic effect. 1,1,1,2-Tetrafluoroethane: Lowest observed adverse effect level for cardiac sensitization was 75,000ppm.
Symptoms/effects after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause frostbite on contact the liquefied gas. Not a skin sensitizer.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause frostbite on contact the liquefied gas.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimized wherever possible.

Additional information : Container under pressure. Do not drill or burn even after use. Empty containers must not be punctured or incinerated because of the risk of an explosion. Gas is dissipated rapidly in a ventilated area.

SECTION 14: Transport information

In accordance with DOT

14.1. UN number

DOT NA No : UN 1950

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Aerosols, Liquefied Gas, N.O.S (1,1,1,3,3-Pentafluoropropane, 1,1,1,2-Tetrafluoroethane)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 2.2 Liquefied Gas, N.O.S (1,1,1,3,3-Pentafluoropropane, 1,1,1,2-Tetrafluoroethane)

Hazard labels (DOT) : 2.2 Limited quantities

CLASS 2.2, Non-flammable Gas



14.4. Packing group

Packing group (DOT) : Not applicable

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14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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

15.2. International regulations

Gas is dissipated rapidly in a ventilated area.

15.3. US State regulations

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

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Issue date : 08/24/2021
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Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



Full text of H-phrases

Press. Gas (Liq.)	Gases under pressure Liquefied gas
Simple Asphy	Simple Asphyxiant

Safety Data Sheet (SDS), USA

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