



Safety Data Sheet

AERO DEEP FREEZE

SECTION 1: Identification

Trade Name: AERO DEEP FREEZE

Date Prepared: 03/05/2018

Product Identification: 6221

Synonyms: Blend of Alcohols

Product Use Description: Freezer Cleaner

Manufactured By:

ABC COMPOUNDING CO., INC.
PO BOX 80729
Conyers, GA 30013 US

Manufacturer:

ABC Compounding Co., Inc.
2600 Dogwood Drive
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24 HR Emergency Number: (800) 535-5053

SECTION 2: Hazards Identification

Classifications

Flammable liquids - Category 2

Acute Toxicity - Oral - Category 3

Acute Toxicity - Dermal - Category 3

Acute Toxicity - Inhalation - Category 3

Eye Irritation - Category 2

Specific Target Organ Toxicity (single exposure) - Category 1

Specific Target Organ Toxicity (single exposure) - Category 3



Irritant

Flammable

Toxic

Health Hazard

Signal Word: Danger

Hazard Statements

Keep out of reach of children.

Read label and SDS before use.

Highly flammable liquid and vapour

Toxic if swallowed, in contact with skin, or inhaled.

Causes damage to optic nerve and central nervous system. May cause blindness.

May cause drowsiness or dizziness.

Causes serious eye irritation.

Precautionary Statements

Prevention

Wash hands and face thoroughly after handling.

Wear protective gloves and clothing.

Wear eye and face protection.

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

Do not breathe fumes or spray. Use only in a well-ventilated area.

Keep away from sparks, flames and hot surfaces. ☐ -No smoking.

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Ground/bond container and receiving equipment.
Use explosion-proof ventilating and equipment.
Use only non-sparking tools. Take precautionary measures against static discharge.
Keep container tightly closed.

Response

IF SWALLOWED: Immediately call a poison control center or a doctor. Rinse mouth.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower.
Wash contaminated clothing before reuse.
Call a poison control center or a doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a poison center or a physician.

Storage

Store locked up in a well-ventilated place.
Keep cool.

Disposal

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

Hazards Not Otherwise Specified

Not applicable

SECTION 3: Composition

Chemical Name	CAS #	Concentration % by Weight
Methanol	67-56-1	30 - 50
Isopropanol	67-63-0	20 - 40
2-butoxyethanol	111-76-2	1 - 5

SECTION 4: First Aid Measures

EMERGENCY OVERVIEW

DANGER. Flammable. Harmful or fatal if swallowed. Repeated exposure by inhalation or skin absorption may cause systemic poisoning, brain disorders, and blindness. Keep away from heat and flame. Can cause nervous system depression.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION: Harmful or fatal if swallowed. Seek medical attention immediately. If conscious and medical attention is not immediately available, do not induce vomiting.

SECTION 5: Firefighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

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Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

SECTION 6: Accidental Release Measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

SECTION 7: Handling and Storage

Do not get in eyes, on skin or on clothing. Avoid breathing sprays and vapors. Avoid skin contact. Keep out of reach of children.

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

SECTION 8: Exposure Controls/Personal Protection

2-butoxyethanol(111-76-2)

OSHA PEL	25 ppm (skin)
ACGIH TLV	20 ppm

Methanol(67-56-1)

OSHA PEL	200 ppm
ACGIH TLV	200 ppm

Isopropanol(67-63-0)

OSHA PEL	400 ppm
ACGIH TLV	400 ppm

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

Engineering Controls: Good general ventilation required.

SECTION 9: Physical and Chemical Properties

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Property	Value	Property	Value
Appearance	CLEAR LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	COLORLESS
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	70 F	Melting/Freezing Point	NOT AVAILABLE
Odor	ALCOHOL	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 67	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	0.9	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	7-10

SECTION 10: Stability and Reactivity

Reactivity

Under normal conditions of storage and use, hazardous reactions will not occur.

Chemical Stability

Stable under normal conditions.

Incompatible Materials

Acids and strong oxidizers

Conditions to Avoid

High temperatures, open flames, sparks, welding.

Hazardous Decomposition Products

CO, CO2

Vapors may ignite at temperatures exceeding flash point.

SECTION 11: Toxicological Information

Primary Route of Entry: Skin contact, inhalation, ingestion

Acute/Potential Health Effects:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN: Methanol may be absorbed through the skin in toxic or lethal amounts. May cause skin irritation. Prolonged or repeated contact may dry the skin.

INHALATION: High vapor concentrations are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May cause peripheral nervous system disorder and/or damage.

INGESTION: Swallowing even small amounts of Methanol may cause blindness or death. Effects of sub lethal doses may be nausea, headaches, vomiting and blurred vision.

Chronic / Long Term Effects: Repeated exposure by inhalation or absorption may cause systemic poisoning, brain disorders, impaired vision and blindness. Inhalation may worsen conditions such as emphysema or bronchitis. Repeated skin contact may cause dermal irritation, dryness and cracking.

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Signs and Symptoms of Overexposure: Signs and symptoms of overexposure to this material through breathing, swallowing, and/or passage of material through the skin may include: stomach or intestinal upset (nausea vomiting, diarrhea) irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Target Organ Effects: Central nervous system, optic nerve.

Reproductive/Developmental Information:

WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

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Acute Toxicity Values:

Methanol: Inhalation - LC50, rat 64000 ppm; Oral - LD50, rat 5.6-13 g/Kg; Dermal - LD50, rabbit 20 ml/Kg.

SECTION 12: Ecological Information

Not available.

SECTION 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

SECTION 14: Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number 1993
Proper shipping name Flammable liquid, n.o.s. (contains Isopropanol and Methanol)
Class 3
Packing group II

SECTION 15: Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act)

Methanol

CERCLA RQ (40 CFR 302)

Methanol

5000 LBS

Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)

2-butoxyethanol

Methanol

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure () Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D001

SECTION 16: Other Information

HMIS Ratings :

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HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	G

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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