

SAFETY DATA SHEET

Arctic Freezer Cleaner

Page: 1

Printed: 01/26/2021

Revision: 11/04/2020

Supersedes Revision: 06/18/2018

1. Product and Company Identification

Product Code: 283757
Product Name: Arctic Freezer Cleaner
Company Name: GORM, Inc.
1501 South Hudson Avenue
Ontario, CA 91761
Phone Number: (909)292-1400
Web site address: www.gorminc.com
Emergency Contact: ChemTel (800)255-3924
Recommended Use: Hard Surface Cleaner
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 5

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**
GHS Hazard Phrases: May be harmful if swallowed.
Can cause serious eye irritation.
GHS Precaution Phrases: Wear protective gloves, protective clothing, eye protection, face protection.
Wash hands thoroughly after handling.
Keep out of reach of children.
GHS Response Phrases: If swallowed: Immediately call a Poison Center or doctor.
If on skin (or in hair): Gently wash with plenty of soap and water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
GHS Storage and Disposal Phrases: Store in cool dry place at room temperature away from direct sunlight.
Dispose of contents and container according to the local, city, state and federal regulations.
Inhalation: May cause allergic respiratory reaction.
Skin Contact: May cause an allergic skin reaction.
Eye Contact: Causes eye irritation.
Ingestion: Nausea, dizziness, headache, stomach ache or pain, diarrhea.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
10043-52-4	Calcium chloride	Proprietary
504-63-2	Trimethylene glycol	Proprietary
68439-46-3	Alcohol ethoxylate	Proprietary

SAFETY DATA SHEET

Arctic Freezer Cleaner

Page: 2

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4. First Aid Measures

Emergency and First Aid Procedures:

- In Case of Inhalation:** Remove person to fresh air and keep comfortable for breathing. Get medical attention/advice if you feel unwell.
- In Case of Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
- In Case of Ingestion:** If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid immediately.

5. Fire Fighting Measures

- Flash Pt:** NE
- Explosive Limits:** LEL: N/A UEL: N/A
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** Dry chemical, CO₂, water spray or alcohol-resistant foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** No data available.

6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Clean up spills immediately, observing precautions in the Protective Equipment section. If swallowed: Call a Poison Center or doctor if you feel unwell. After removal, flush contaminated area thoroughly with water.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Avoid prolonged or repeated contact with skin. Do not ingest or inhale. Wash hands thoroughly after handling. Avoid breathing dust, mist, or vapor.
- Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
10043-52-4	Calcium chloride	No data.	No data.	No data.
504-63-2	Trimethylene glycol	No data.	No data.	No data.
68439-46-3	Alcohol ethoxylate	No data.	No data.	No data.

SAFETY DATA SHEET

Arctic Freezer Cleaner

Page: 3

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Respiratory Equipment (Specify Type):	Always use a NIOSH approved respirator when necessary.
Eye Protection:	Safety glasses.
Protective Gloves:	Handle with gloves.
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	No special ventilation requirements. General room ventilation is adequate.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Red color liquid with no odor.
pH:	~ 8.00 - 10.00
Melting Point:	NE
Boiling Point:	>= 212.00 F
Flash Pt:	NE
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N/A UEL: N/A
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Specific Gravity (Water = 1):	~ 1.230
Density:	~ 10.30 LB/GA
Bulk density:	NE
Solubility in Water:	100%
Saturated Vapor Concentration:	NE
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NE
Decomposition Temperature:	NE
Viscosity:	NP
Particle Size:	NE
Heat Value:	NE
Corrosion Rate:	NE

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	None.
Incompatibility - Materials To Avoid:	Strong oxidizers, ammonia, bleach, strong acids and strong alkali materials.
Hazardous Decomposition or Byproducts:	CO, CO2.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid -	None.

SAFETY DATA SHEET

Arctic Freezer Cleaner

Page: 4

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Hazardous Reactions:

11. Toxicological Information

Toxicological Information: CAS# 68439-46-3: Acute toxicity, LD50, Oral, Rat, 1378. MG/KG. Result: Vascular: Measurement of regional blood flow. Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: Dehydrogenases. Biochemical: Metabolism (Intermediary): Lipids including transport. ; Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY, Vol/p/yr: 10(4),427, 1991

Carcinogenicity/Other Information: ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: CAS# 68439-46-3: LC50, Fathead Minnow (Pimephales promelas), 11000. UG/L, 96 H, Mortality, Water temperature: 22.00 C C. Result: Morphological changes. ; Acute Toxicity and Structure-Activity Relationships of Nine Alcohol Ethoxylate Surfactants to Fathead Minnow and Daphnia magna, Wong, D.C.L., P.B. Dorn, and E.Y. Chai, 1997

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
10043-52-4	Calcium chloride	No	No	No
504-63-2	Trimethylene glycol	No	No	No
68439-46-3	Alcohol ethoxylate	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

10043-52-4	Calcium chloride	CA PROP.65: No; CA TAC, Title 8: No
504-63-2	Trimethylene glycol	CA PROP.65: No; CA TAC, Title 8: No
68439-46-3	Alcohol ethoxylate	CA PROP.65: No; CA TAC, Title 8: No

SAFETY DATA SHEET

Arctic Freezer Cleaner

Page: 5

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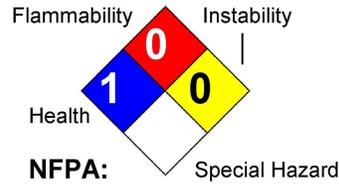
16. Other Information

Revision Date: 11/04/2020

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.