

Material Safety Data Sheet Artic Bite Freezer Cleaner

Section 1. Chemical Product and Company Identification

Product Name	Artic Bite Freezer Cleaner	
Product Number	NTN ABFCGR	
Manufacturer/ Supplier	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
Phone Number	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
D.O.T. Emergency Phone:	1-800-633-8253	
Date of Preparation	December 06, 2013	Revision Number 1.0

Section 2. Hazards Identification

Emergency overview	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
DANGER!	
Keep out of reach of children. Keep container closed during storage. For institutional and commercial use	
Potential Acute Health Effects	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-hazardous in case of inhalation
Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Eyes	Can Cause severe irritation, redness, tearing, and blurred vision
Skin	Prolonged or repeated contact can cause moderate irritation, de-fatting, and dermatitis.
Inhalation	Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.
Ingestion	Can cause gastrointestinal irritation, nausea, vomiting, diarrhea, blindness and death.
Medical conditions aggravated by exposure:	There is no known effect from chronic exposure to this product.
Potential Chronic Health	There is no known effect from chronic exposure to this product.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Target Organs	
Environmental Effects	

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Methyl Alcohol	67-56-1	Proprietary		200 PPM
Glycol Butyl Ether EB		Proprietary		

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, flush with large amounts of water, lifting upper and lower eyelids occasionally, get medical attention.
Skin Contact	If on skin, thoroughly wash with soap and water.
Inhalation	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and quiet and get medical attention.
Ingestion	If swallowed, immediately drink two glasses of water and induce vomiting by either giving ipecac syrup or placing fingers at the back of throat. Never give anything to an unconscious person. Get medical attention immediately.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	

Section 5. Fire Fighting Measures

Flammability	Not available
Fire Fighting Media and instructions	Water fog or carbon dioxide or dry chemical.
Products of Combustion	Not available
Special Remarks on Fire Hazards	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Wear self contained breathing apparatus with full face piece operated in pressure – demand or other positive pressure mode when fighting fires.
Special Remarks on Explosion Hazards	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Wear self contained breathing apparatus with full face piece operated in pressure – demand or other positive pressure mode when fighting fires.
Sensitivity to Mechanical Impact	Not available
Sensitivity to Static Discharge	N/A
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Methods for Containment	Small Spills: Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood. Large Spills: Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up in sand, clay earth, floor absorbent, or other absorbent material and shoveled into containers. If run off occurs, notify proper authorities as required, that spill has occurred.
Environmental Precautions	See Methods for Containment
Methods for Clean Up	Small Spills: Allow volatile portion to evaporate in hood. Allow sufficient time for vapors to completely clear hood duct work. Dispose of remaining material in accordance with applicable regulations. Large Spills: Destroy by liquid incineration. Contaminated absorbent may be disposed in a landfill in accordance with local, state, and federal regulations.

Section 7. Handling and Storage

Precautions	After handling always wash hands thoroughly with soap and water.
Incompatibility	Aluminum may form a oxide scale on prolonged exposure to methanol.
Storage	Containers may be hazardous when empty, since emptied containers contain residues. Contains methanol, cannot be made non poisonous. Keep out of the reach of children. Not for use or storage in or around the home.

Keep out of reach of children.
Keep container closed during storage.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection Good general ventilation should be sufficient to control airborne levels.

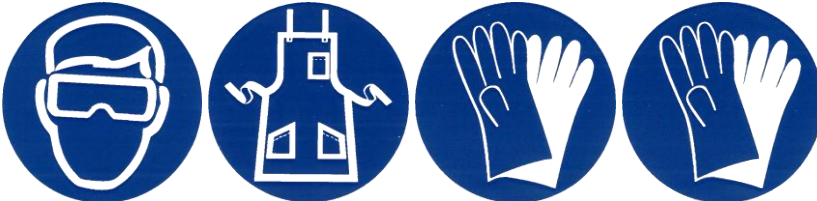
Eyes Safety glasses or chemical splash goggles,

Body To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory provide sufficient mechanical ventilation to maintain exposure below TLV.

Hands Rubber or neoprene gloves

Protective Clothing (Pictograms)



Exposure Limits

See Section 2 For Applicable Exposure Limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Red Liquid
Molecular Weight	N/A
Ph	6
Boiling/Condensation Point	147F
Melting/Freezing Point	N/A
Critical Temperature	N/A
Instability Temperature	N/A
Specific Gravity	(H20 = 1): 0.78
Vapor Pressure	(Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density	(Air = 1)
Volatility	N/A
VOC	N/A
Evaporation Rate	(H20 = 1): N/A
Dispersion Properties	N/A
Solubility	Complete in water
The Product is:	
Auto-ignition Temperature	N/A
Flash Points	54.0 F TCC
Flammable Limits	N/A
Fire Hazards in Presence Of Various Substances	N/A
Explosion Hazards in Presence of Various Substances	N/A
Odor	Alcohol
Color	Red

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substance	Avoid contact with strong oxidizing agents
Hazardous Decomposition Products	Will not occur

Section 11. Toxicological Information

Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	
Acute Effects on Humans	
Eyes	Can Cause severe irritation, redness, tearing, and blurred vision
Skin	Prolonged or repeated contact can cause moderate irritation, de-fatting, and dermatitis.
Inhalation	Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.
Ingestion	Can cause gastrointestinal irritation, nausea, vomiting, diarrhea, blindness and death.
Chronic Effects on Humans	There is no known effect from chronic exposure to this product.
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	Not available

Section 12. Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available
Special Remarks on the Products of Biodegradation	Not available

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)	
TDG Classification	Not controlled under TDG (Canada)
PIN UN, Proper Shipping Name, PG	Not applicable
Maritime Transportation	Not available

Special Provisions for Transport Not available

Section 15. Regulatory Information and Pictograms

Regulatory Lists No products were found.

Other Regulations Not available, or of its ingredients

Other Classifications **HCS (U.S.A.)** Not controlled under HCS (United States)

USA Regulatory Lists This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)
SARA 302 Extremely Hazardous Substances - Not listed
SARA 311 - 1. Immediate (acute) health hazard
2. Delayed (chronic) health hazard
3. Fire hazard
SARA 313 Toxic Chemical List – Not listed

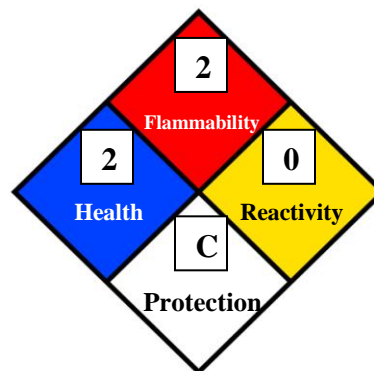
DSD (EEC) This product is not classified according to the EU regulations.

International Regulations Lists No Products were found.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification) Not controlled under WHMIS (Canada).

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry Date 3 (Three Years) from the date of preparation indicated in Section 1.

Validated by **Verified by**

Information Contact **Printed**

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on **NuTech Specialties, Inc.**