



Freezer Cleaner

**READY TO USE
SUB-FREEZING CLEANER**

FOOD SERVICE PRODUCTS

DESCRIPTION: BRILLIANT'S Freezer Cleaner is a ready to use freezer cleaner for floors, walls, and equipment in sub-freezing areas in temperatures to -40° F. Helps in melting existing ice formations and will not harm concrete or leave any slippery residue.

DIRECTIONS:

- Automatic Scrubbers: Equip machine with aggressive pad such as steel wire and fill supply tank with ready to use cleaner. Double scrub procedure will give best results. Lay down solution with scrubbing action and allow solution to remain on surface 5 minutes, then lower squeegee blade, scrubbing again, and pick up.
- Conventional Rotary Floor Machine: Equip machine with aggressive pad such as steel wire. Spray, mop or spread ready to use cleaner on surface, scrub and allow solution to remain on surface for 5 minutes. Scrub again and pick up soils solution with wet vacuum or mop.
- Manual Cleaning: Apply cleaner by spray, mop or sponge and follow by aggressive double brushing or scrubbing. Pick up soiled solution with wet vacuum, mop, or by wiping.

NOTE: FLAMMABLE IF USED ABOVE 60° F

PACKAGING:

SIZE

2/2.5 gallon case
5 gallon pail

CATALOG #

64100905 (Non-Flammable Formula, refer to PB64400905B for MSDS)
64403105

PRODUCT SPECIFICATIONS

Active Ingredients:	50±.5%	Emulsification:	Excellent
Color:	Clear	Detergency:	Excellent
Odor:	Mild	Flash Point:	61° F
pH:	9.0 - 9.5	Biodegradability:	Complete
Viscosity:	Water thin	Storage/Stability:	2 years
Foam:	Low	Weight Per Gallon:	7.85 lbs
Abrasives:	None	Freeze Point:	-40° F
Phosphate Content:	None		

BRILLIANT PRODUCTS
P. O. Box 1425 Avon Park, FL 33826
Phone: 863-452-3872 Fax: 863-452-3878

CONTROLLED

Issue Date: 08/10/05
Form PB64403105B, Rev (B)

MATERIAL SAFETY DATA SHEET

Prepared By: D. Wilson

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: FREEZER CLEANER
Generic Name: Low Foaming Sub-freezing Cleaner
Product Group: Food Service Products

Supplier's Name: BRILLIANT PRODUCTS
 P.O. BOX 1425
 AVON PARK, FL 33826
Phone #: (863)-452-3872

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL- TLV
Methanol	67-56-1	45 to 50	200 ppm 250 ppm (skin)	200 ppm	200 ppm
Propylene Glycol	57-55-6	0 to 5	N.A.	N.A.	N.A.
2-Butoxyethanol	111-76-9	0 to 5	25 ppm	25 ppm	N.A.
Nonionic Surfactant	9016-45-9	0 to 5	N.A.	N.A.	N.A.
Water	7732-18-5	up to 100	N.A.	N.A.	N.A.

SECTION 3- PHYSICAL DATA

Boiling Point: 275° F
Vapor Pressure: 25mm @ 68°F
% Volatile: 95+%
Solubility in Water: complete
Physical Description: Thin clear liquid with characteristic odor.

Specific Gravity: .942
Vapor Density (Air=1): >1
pH: 9.0-9.5
Evaporation Rate (Water=1): >1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: 54 ° F (TCC)
Extinguishing Media: CO₂, dry chemical, alcohol foam or water spray
Special Firefighting Procedures: Vapors are heavier than air and may travel along ground to distant ignition sources
Unusual Fire and Explosion Hazards: Heated drums may explode
Upper Explosion Limits: 12 **Lower Explosion Limits:** 6.

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazard Decomposition Products: Carbon monoxide and carbon dioxide from burning.

Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): strong oxidizers

SECTION 6- STORAGE AND HANDLING INFORMATION

FLAMMABLE LIQUID. POISONOUS. Keep away from heat, spark, or open flame. Do not take internally. Contains methanol. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when using product. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear protective eyewear and clothing, and rubber gloves when handling. Avoid breathing mists or vapors. Use in well ventilated area. Do not smoke. Store in tightly sealed container away from excessive heat, spark or open flame. Failure to follow above precautions or intentional misuse by Deliberately concentrating and inhaling contents may be harmful or fatal.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: Skin irritant. May cause moderate reddening and swelling.
Eyes: Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.
Inhalation: Vapors and mist may be irritating to mucous membranes in the nose, throat and lungs. May cause headache, dizziness, fatigue and eventual collapse.
Ingestion: Irritating to mouth and throat. Immediately causes headache, nausea, abdominal pain, vomiting and diarrhea. More than 2 ounces may cause Collapse and/or death.
First Aid Procedures
Skin: Immediately flush with water. If irritation persists, seek medical attention.
Eyes: Flush with large amounts of water; get medical attention if irritation persists.
Inhalation: Remove to fresh air. get medical attention if irritation persists.
Ingestion: Drink large quantities of water and IMMEDIATELY INDUCE VOMITING, get medical attention immediately.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area. NIOSH Hydrocarbon canister respirator
Ventilation Requirements: Provide explosion proof exhaust to keep TLV of section 2 ingredients below acceptable limits.
Protective Gloves: solvent proof neoprene or viton.
Eye Protection: Goggles with side shields or chemical splash goggles.
Other Protective Equipment: Safety eye bath nearby. Protective outerwear and footwear when using. Spark resistant tools are recommended. Fire extinguisher nearby when using.

SECTION 9- SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Immediately shut off all ignition sources. Avoid walking in product. Ventilate enclosed areas by opening doors and windows. Evacuate all unessential personnel immediately. Dike area with absorbent or inert material, then mop up or otherwise absorb and hold disposal. Block off all drains to avoid discharge to sanitary sewers or open waterways.
Waste Disposal: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and container should be treated as hazardous waste based on characteristics of ignitibility as defined under federal RCRA regulations (40 DFR 261). Do not dispose of into storm drains, streams, rivers, or to ground. Rinse container thoroughly before discarding in trash. Consult local or state environmental officials for

SECTION 10- REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard: (Y/N): N
Fire: Y
Sudden Release of Pressure: N
Reactivity: N
Acute (IMMEDIATE) Health Hazard: Y.
Chronic (DELAYED) Health Hazard: Y.
Other: N.

Shipping Information:
 Containers >1 gallon: flammable liquid, poisonous, NOS (contains methanol) 3, NA-1992, PG II
 Containers 1 gallon: flammable liquid, poisonous, NOS (contains methanol) 3, NA-1992, PG II
 Containers <1 gallon: flammable liquid, poisonous, NOS (contains methanol) 3, NA-1992, PG II

HMIS Hazardous Material Identification System

Health	3
Flammability	3
Reactivity	0
Personal Protection	H

For emergency and medical help line, call INFOTRAC at 1-800-535-5053, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at www.pride-enterprises.org/MSDS/menu.htm or call customer service at (863)-452-3872.

SECTION 11- OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other product s. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.