MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-0; Flammability-0; Reactivity-0; Special- -

HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection

Manufacturer's Name: Biochem, Inc.
Address: PO Box 521925
Salt Lake City, UT 84152

DOT Hazard Classification: Non-Hazardous

Identity (trade name as used on label):
Artic Thaw Plus Snow & Ice Melter

Date Prepared: 09/21/02 Prepared By: SH

MSDS Number: Revision -4

Information Calls: (801) 294-2980
EMERGENCY RESPONSE NUMBER: 1(801) 550-8220

NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES %	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Sodium Chloride	007647-14-5				
Calcium Chloride	010043-52-4				
Sodium Silicate	001344-09-8				
Magnesium Chloride	7791-18-6				
Potassium Chloride	7447-40-7				

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Specific Gravity (H2O=1): N/A
Vapor Pressure: 0.009 mmHg @ 20C
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): 0.009mmhg @ 20C
Vapor Density (Air = 1): N/A
Evaporation Rate (water = 1): N/A
Solubility in Water: Very Soluble
Water Reactive: No
Appearance and Odor: Blue crystals with white pellets

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A
Auto Ignition Temperature N/A
Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
FLASH POINT AND METHOD USED (non-aerosols): Non-combustible
EXTINGUISHER MEDIA: Non-combustible. Use media compatible with surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: None required.
Unusual Fire & Explosion Hazards: N/A

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE
HAZARDOUS POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Sulphuric Acid
Conditions to Avoid: N/A
Hazardous Decomposition Product: N/A

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [X] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS: Prolonged contact with Skin may cause redness and irritation. Eyes May cause Thermal burns and cornea damage. Dust may cause irritation.
Inhalation: Dust May cause irritation to respiratory tract . Vapors are unlikely due to properties.
Eye Contact: May cause severe eye irritation with corneal injury
Skin Contact: Prolonged contact may cause skin irritation.
Ingestion: Single dosage oral toxicity is low
CHRONIC EFFECTS: None known.
Medical Conditions Generally Aggravated by Exposure: None known.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes.
Skin Contact: Rinse with water.
Inhalation: Remove to fresh air
Ingestion: INDUCE VOMITING. Drink 3 to 4 glasses of water. Get medical attention if needed.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Use approved Dust Respirator
Protective Gloves: Rubber Gloves
Eye Protection: Chemical goggles or face shield, if desired.
Ventilation Requirements: Normal room ventilation is generally adequate.
Other Protective Clothing & Equipment: Eyewash station.
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands before eating or using restroom facilities.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material is Spilled Or Released: Scoop and sweep up spill and return to container. Rinse small quantities away with large quantities of water.
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.
Precautions To Be Taken in Handling & Storage: Store in original shipping containers. Keep closed when not in use.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.