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Bomanite Surface Deactivator

Section 1 Product Description

Product Name:	Bomanite Surface Deactivator (Light, Standard, Heavy)
Recommended Use:	Surface retarder for concrete
Supplier:	The Bomanite Company * PO Box 2649 * Fair Oaks, CA 95628 (303) 369-1115 * www.bomanite.com
Emergency Phone:	CHEMTRAC 1-800-424-9300

Section 2 Hazard identification

Category 2 Skin Irritation
Category 2A Eye Irritation

Signal Word
Warning

Hazard Statements
H315 Causes skin irritation
H319 Causes serious eye irritation

Precautionary Statements
Prevention:
P261 Avoid breathing mist
P280 Wear eye protection
P270 Do not eat, drink, or smoke while using this product
Response:
P301+P314 IF SWALLOWED: Get medical advice if you feel unwell.
P302+P353 IF ON SKIN: Rinse skin with water.
P304+P340+P342+P313 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice.
P305+ P351+P338+P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Get medical advice if you feel unwell.

Section 3 Composition/ Information on Ingredients

	CAS #	OSHA PEL(TWA)	ACGIH(TLV-TWA)	Conc. (wt%)
Tartaric acid	87-69-4	15 mg/m3 (resp. dust)	10 mg/m3 (resp. dust)	1.0 – 10.0
Propylene glycol	57-55-6	Not established	Not established	5.0 – 10.0

Section 4 First Aid Measures

Emergency First Aid Procedures
Skin: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.
Eyes: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.
Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.
Ingestion: If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

Section 5 Firefighting Procedures

Extinguishing Media: Dry chemical, CO2, foam, water fog
Flash Point (TCC): >200° F
Flammable Limits (% volume in air for solvents): LEL=N/A **UEL=**N/A
Special Fire Fighting Procedures: Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: No health affects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

Section 7 Handling and Storage

Normal Handling: Always use good industrial hygiene practices and safety guidelines.
Storage: Store material in its original container. Keep containers tightly closed when not in use.
Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.
Special Precautions: Avoid freezing. Store in a cool, dry place with adequate ventilation.

Section 8 Protection Information

Respiratory Protection: Use NIOSH-approved organic vapor respirator when exposure levels cannot be maintained below limits or the chance of mist inhalation is present.
Ventilation: Provide adequate mechanical ventilation to keep exposure levels below TLV's.
Protective Gloves: Wear impervious chemical gloves.
Eye Protection: Wear chemical safety glasses.
Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.
Work/Hygienic Practices: Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

Section 9 Physical Data

Appearance: Cloudy
Odor: Sweet
Odor Threshold: No data available
pH: 2.0-4.0
Freezing/Melting Point: 32° F
Boiling Point: 212° F
Flash Point: >200° F
Evaporation Rate: Not determined
Flammability (solid, gas): Non-flammable liquid
Upper/lower Flammability: Not determined
Vapor Pressure: 2.3 kPa (@ 20°C)
Vapor Density: 0.62 (air=1)
Relative Density: 1.01-1.03 g/cc
Solubility: Miscible with water
Partition Coefficient: Not determined
Auto-ignition Temperature: Not determined
Decomposition temperature: Not determined
Viscosity: Not determined

Section 10 Reactivity Data

Reactivity: Stable.
Conditions to avoid: None known
Hazardous decomposition products: Produces normal products of combustion
Hazardous Polymerization: Will not occur.

Section 11 Toxicity Data

Carcinogen: No.
Routes of Exposure: Inhalation, ingestion, eyes, and skin.
Acute Toxicity Lethal Doses (ATE):

LC50 (inhl) >30.0 mg/l
LD50 (oral) >5000 mg/kg
LD50 (skin) >5000 mg/kg

Health Hazards:

Acute: May cause moderate skin irritation. Inhalation of vapor/mist may irritate nose and throat. Ingestion of large quantities may cause drowsiness, dizziness, confusion, or loss of coordination. Direct eye contact may cause moderate irritation

Chronic: Prolonged and repeated exposures can cause serious skin irritation. Repeated ingestion or swallowing large amounts may cause internal injury.

Skin Contact: Prolonged or repeated contact may cause mild irritation.
Eye Contact: Direct contact may cause mild eye irritation.
Inhalation: May cause mild irritation.
Ingestion: May cause nausea, abdominal discomfort.
Carcinogen: No.
Aggravation of Pre-existing Conditions: Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

Section 12 Ecological Data

Acute Toxicity to Fish: No data available
Acute Toxicity to Aquatic Invertebrates: No data available
Toxicity to Aquatic Plants: No data available
Toxicity to Microorganisms: No data available
Chronic Toxicity to Fish: No data available
Chronic Toxicity to Aquatic Invertebrates: No data available
Persistence and Degradability: Not persistent in aquatic environments
Bioaccumulation Potential: This material does not bioaccumulate
Mobility in the Soil: Expected to move slowly in soil and water
Other Adverse Effects: None established

Section 13 Disposal Information

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 Transport Information

Proper Shipping Name: Non-Regulated Material
Hazard Class: N/A
UN: N/A
Packing Group: N/A
Marine Pollutant: No

Section 15 Regulatory Information

SARA 311/312: Acute
CHEMICAL INVENTORIES
All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Proposition 65: None
Canadian WHMIS Classification: Not classified

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.