

MATERIAL SAFETY DATA SHEET

DAMTITE CONCRETE CLEANER
09712

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Brand Name DAMTITE CONCRETE CLEANER
Formula White crystalline granules
Product Use Concrete Cleaner and Etch

MANUFACTURER

Damtite Waterproofing, Inc.
733 East Main Street
Monongahela, PA 15063
Telephone (724)258-7175

EMERGENCY TELEPHONE NUMBER

CHEMTREC
1-800-424-9300

INFORMATION: 1-800-223-8483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component (Chemical & Common Name)	CAS Number	Other Exposure Limits	ACGIH TLV	OSHA PEL
Sulfamic Acid	5329-14-6	1 mg/m ³	Not Est	Not Est

DOT Shipping Name: Sulfamic Acid,8,UN2967,PGIII

Exposure limits for sulfamic acid have not been established by OSHA or ACGIH. We recommend an 8 -hour time weighted average of 1 mg/m³

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

3. PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance White, crystalline solid
Odor none
Vapor Pressure (mm Hg) N/A
Vapor Density (Air =1) N/A
Melting Point 215° C to 225° C
Solubility in Water Appreciable 18% by Wt @ 20°, 43% by Wt @ 70°
Specific Gravity (H₂O =1) 2.126
pH. 1.2 (1% Solution)

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Flammable

Upper Explosive Limit: N/A

Lower Explosive Limit: N/A

EXTINGUISHING MEDIA: Same as for surrounding material: Carbon Dioxide, Dry Chemical, Regular Foam, or Water Spray.

SPECIAL FIRE FIGHTING PROCEDURES: When using water spray, use extreme caution. Sulfamic Acid Solution is highly corrosive. Use self contained breathing apparatus. Decomposes above 209° F forming toxic fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May release sulfur dioxide, sulfur trioxide, and ammonia gas if involved in fire.

5. PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY (CHOOSE ONE)

UNSTABLE _____
STABLE X

under normal circumstances

CONDITIONS TO AVOID: Keep dry until use.

INCOMPATIBILITY (MATERIALS TO AVOID): Hazardous reaction in aqueous solution may occur with chlorine, hypochlorites, cyanides, sulfides, alkalis, carbonates, oxidizers, nitrates, nitrites, and strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes with heat (209EF) to release sulfur dioxide, sulfur trioxide, nitrogen and ammonia.

HAZARDOUS POLYMERIZATION (CHOOSE ONE)

_____ MAY OCCUR

X WILL NOT OCCUR under normal circumstances

6. HEALTH HAZARDS

ACUTE: Corrosive to skin, eyes, and mucous membranes. Causes burns. Inhalation may be fatal as a result of spasm, inflammation and edema of larynx and bronchi, chemical pneumonitis and pulmonary edema.

CHRONIC: None known

SIGNS & SYMPTOMS OF EXPOSURE: Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Inhalation of dust can aggravate respiratory conditions

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: None

EMERGENCY AND FIRST AID PROCEDURES:

1. INHALATION: Move person to fresh air. If difficulty in breathing, administer oxygen. Get medical attention
2. EYES: Flush eyes with large quantities of water for 15 minutes while lifting eyelids. Get medical attention.

EMERGENCY AND FIRST AID PROCEDURES (Continued):

3. SKIN: Remove contaminated clothing, wash with soap and water, apply a quality cream.
4. INGESTION: DO NOT INDUCE VOMITING! Dilute with water, milk, or Milk of Magnesia. Get medical attention.

7. SPECIAL PRECAUTION AND SPILL / LEAK PROCEDURES

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with skin, eyes and clothing. Avoid breathing dust. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pickup and caking.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN!!! As with any other chemical product, evaluate its potential hazard with respect to the environment. Methods of use should be analyzed before using this product.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill, cover with dry lime or soda ash, sweep up, collect and place in a disposal container. Avoid runoff into sewers and ditches which lead to waterways. Do not use water since it will make strong acidic solutions.

WASTE DISPOSAL METHODS (Consult federal, state and local regulations): Should be neutralized with alkalis. Comply with Federal, State and Local Regulations

8. SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved respirators.

VENTILATION: Provide local exhaust or general dilution ventilation system

Local Exhaust: Yes

Mechanical (General): Yes

Special: None

Other: None

PROTECTIVE GLOVES: Use rubber or neoprene gloves EYE PROTECTION: Chemical goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Enough to protect skin from dust

WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking, smoking, or using restroom. Wash clothing before wearing again.

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PREPARATION INFORMATION:
DATE PREPARED: March 1, 2003
REPLACES: All Others
Damtite Concrete Cleaner