

# Material Safety Data Sheet

Number: **DMN0067**

## Product Name: **Da-Brite® #90 Garage Floor Cleaner**

A granular alkaline detergent.

Revised: 4/24/09

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24 hour **Emergency Only** phone: 1-800-535-5053  
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### Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Sodium Metasilicate	6834-92-0	> 60%	No

### Section 3 - Hazards Identification

**Emergency Overview:** Dry powder is irritating, may be corrosive, to eyes. Is mildly irritating to dry skin and irritating to moist or perspiring skin. Solutions are irritating to eyes and skin. Dust is irritating to eyes, nose and lungs. An orange granular/powdered solid with a pine odor. Product presents little hazard in a fire. Product has a high pH when mixed with water and should not be flushed into sewers without a very large quantity of water.

**Health Hazards:** Irritant, Corrosive

**Physical Hazards:** None

**Primary Routes of Entry:** X Through Skin X Inhalation X Ingestion

#### Potential Health Effects:

**Eyes** - causes severe irritation, redness, tearing, blurred vision, and may cause damage.

**Skin** - causes mild to severe irritation, redness, possible dermatitis. Brief contact has little or no effect when rinsed off soon.

**Swallowing** - causes gastrointestinal irritation, nausea, and possibly burns.

**Breathing** - excessive inhalation of dust can cause irritation, sneezing.

### Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

**Skin Contact:** For brief contact rinse with water or wash area with soap and water. If irritation or redness is already present flush skin with running water for 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician. Wash clothing before reuse.

**Inhalation:** If affected, move exposed person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

### Section 5 - Fire-Fighting Measures

**Flash Point:** None (ASTM D-56 closed cup)

**Lower Explosive Limit:** Not Applicable

**Upper Explosive Limit:** Not Applicable

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** None.

### Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Sweep up. Usually product can still be used as directed. If product cannot be used, scoop or shovel into clean pails or drums.

### Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Store in a cool, dry place and keep containers closed.

## Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Sodium Metasilicate (1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA	6834-92-0	> 60%	no established limits are available TWA=8 hr Time Weighted Average	STEL=15 minute TWA	Ceiling=Instantaneous

**Ventilation:** None when used as directed.

**Respiratory Protection:** Usually none. If dust causes sneezing or irritation, wear a nuisance dust mask while scooping and spreading dry product.

**Gloves:** Wear rubber or latex gloves when handling powder or putting hands into solution.

**Eye Protection:** Safety glasses with side shields.

**Other Protective Equipment:** When standing in slurry or solution during scrubbing, wear impervious shoes or rubbers (no bare tennis shoes or sneakers). An eyewash station should be located nearby.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** Not Applicable

**Specific Gravity:** 1.0

**Percent Volatiles:** 0%

**Solubility In Water:** Complete

**Appearance and Odor:** orange granular/powdered solid with a pine odor.

**Vapor Pressure:** Not Applicable

**Vapor Density:** Not Applicable

**Evaporation Rate:** Not Applicable

**pH:** of 1% solution: 12.5 ± 0.5

## Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

## Section 11 - Toxicological Information

**Target Organs:** None.

## Section 12 - Ecological Information

After scrubbing, flood pavement with plenty of water to dilute and reduce pH of run-off. Do not dispose of unusable product in nature. Be sure to comply with any applicable regulations.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Product has a high pH when mixed with water and should not be flushed into sewers without a large quantity of water. Up to 10 pounds may be washed to a sanitary sewer with about 10 gallons of water for every pound of product. Larger amounts should be dissolved in water and neutralized to within pH limits of your waste water system and then disposed of in the sanitary sewer.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** Disodium Trioxosilicate, Pentahydrate, 8, UN 3253, III

## Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

## Section 16 - Other Information

**NFPA:** H:1 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 3/27/01.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.