

Material Safety Data Sheet

Number: **DMN-061**

Product Name: **D-100 Cleaner**

A granular alkaline detergent.

Revised: 9/4/01

Damon Industries, Inc.
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Alliance, OH 44601

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 | 10% | No |

Section 3 - Hazards Identification

Emergency Overview: Dry powder is irritating, may be corrosive, to eyes and 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. 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 large quantity of water. A white granular/powdered solid with pine odor.

Health Hazards: Irritant, Corrosive

Physical Hazards: None

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes - powder causes severe irritation, redness, tearing, blurred vision, and possible damage. Solutions cause irritation.

Skin - causes mild to severe irritation, redness, possible dermatitis. Brief contact with powder or solutions 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: Move the affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If the 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 | 6834-92-0 | 10% | no established limits are available | | |
| <small>(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous</small> | | | | | |

Ventilation: None when used as directed.

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

Gloves: Use rubber or latex gloves.

Eye Protection: If eye contact with powder is possible, wear safety glasses with side shields.

Other Protective Equipment: An eyewash station should be within 10 seconds travel time.

Section 9 - Physical and Chemical Properties

Boiling Point: Not Applicable

Vapor Pressure: Not Applicable

Specific Gravity: 0.85

Vapor Density: Not Applicable

Percent Volatiles: 0%

Evaporation Rate: Not Applicable

Solubility In Water: Complete

pH: of 1% solution: 12.4 ± 0.5

Appearance and Odor: white granular/powdered solid with pine odor.

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

Section 12 - Ecological Information

Do not dispose of product in the environment.

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

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

Section 16 - Other Information

| | | | |
|---|------------------|------------------------|----------------------|
| NFPA / HMIS Estimates: | Health: 2 | Flammability: 0 | Reactivity: 0 |
| <small>0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe</small> | | | |

Replaces sheet dated 2/15/88. Converted to ANSI format.

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.