

Material Safety Data Sheet

Number: **DMN0461**

Product Name: **Liquid Bakery Pan Wash**

A liquid alkaline detergent.

Revised: 10/26/07

Damon Industries, Inc.
Box 2120
Alliance, OH 44601

24 hour **Emergency Only** phone: 1-800-535-5053
Information phone: 1-800-362-9850 or 330-821-5310
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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 | 2-10% | No |

Section 3 - Hazards Identification

Emergency Overview: Liquid is irritating, may be corrosive, to eyes. Is irritating to skin. Solutions are irritating to eyes and skin. Product presents little hazard in a fire.

Health Hazards: Irritant, Corrosive

Physical Hazards: None

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes - Liquid 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 liquid or solutions has little or no effect when rinsed off soon.

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

Breathing - excessive inhalation of vapor 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 | 2-10% | no established limits are available | | |
| (1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous | | | | | |

Ventilation: None when used as directed.

Respiratory Protection: Usually none.

Gloves: Use rubber or latex gloves.

Eye Protection: 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 Known

Vapor Pressure: Not Applicable

Specific Gravity: 1.1

Vapor Density: Not Applicable

Percent Volatiles: 80%

Evaporation Rate: Not Applicable

Solubility In Water: Complete

pH: of 1% solution: 11.0 ± 0.5

Appearance and Odor: colorless liquid with no 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

None

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 |
| 0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe | | | |

Replaces sheet dated 8/10/98. D.O.T. removed "pentahydrate" from the shipping name.

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.