

# MATERIAL SAFETY DATA SHEET

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| SECTION I   |   |   |                          |                  |
|---|---|---|--------------------------|------------------|
| <b>Product Identity (Name / Number)</b>           | Laundry Break / 1149  |   |                          |                  |
| <b>Chemical Family</b>                            | Alkaline Powder. Corrosive solids, n.o.s. (contains Disodium trioxosilicate), 8, UN1759, PGIII.<br>CORROSIVE. |   |                          |                  |
| SECTION II - Hazardous Ingredients                |   |   |                          |                  |
| Hazardous Components                              | OSHA PEL  | ACGIH TLV                               | Other Limits Recommended | % (optional)     |
| Disodium Trioxosilicate                           | 15mg/m <sup>3</sup>   | 10mg/m <sup>3</sup>                     |                          | Proprietary      |
|   |   |   |                          |                  |
|   |   |   |                          |                  |
|   |   |   |                          |                  |
| SECTION III - Physical & Chemical Characteristics |   |   |                          |                  |
| <b>Boiling Point</b>                              | N/A   | <b>Specific Gravity</b>                 | 2                        |                  |
| <b>Vapor Pressure (mm Hg)</b>                     | N/A   | <b>Melting Point</b>                    | N/A                      |                  |
| <b>pH</b>   | 12 (for 1% solution)  | <b>Evaporation Rate (Ethyl Ether=1)</b> | Not Applicable           |                  |
| <b>Solubility in Water</b>                        | Complete  | <b>Appearance / Odor</b>                | White Powder / Detergent |                  |
| SECTION IV - Fire & Explosion Hazard Data         |   |   |                          |                  |
| <b>Flammable Limits (Explosive Limit)</b>         | <b>Upper:</b> N/A   | <b>Lower:</b> N/A                       |                          |                  |
| <b>Flash Point (Method Used)</b>                  | Material is not combustible.  |   |                          |                  |
| <b>Extinguishing Media</b>                        | Not Applicable  |   |                          |                  |
| <b>Special Fire Fighting Procedures</b>           | Water may be used for surrounding fires.  |   |                          |                  |
| <b>Unusual Fire and Explosion Hazards</b>         | None  |   |                          |                  |
| SECTION V - Reactivity Data                       |   |   |                          |                  |
| <b>Stability:</b>                                 | <b>Unstable</b>   | X                                       | <b>Stable</b>            |                  |
| <b>Hazardous Polymerization:</b>                  | X   | <b>Will Not Occur</b>                   |                          | <b>May Occur</b> |
| <b>Conditions To Avoid</b>                        | N/A   |   |                          |                  |
| <b>Incompatibility (Materials to Avoid)</b>       | Keep solution away from strong acids.   |   |                          |                  |
| <b>Hazardous Decomposition or Byproducts</b>      | None  |   |                          |                  |

**SECTION VI(a) - Health Hazard Data**

**Inhalation** Material is corrosive to mucous membranes of the respiratory tract.

**Eye** Corrosive to eyes. Can cause eye damage if not treated immediately.

**Skin** Corrosive to skin.

**Ingestion** Material is corrosive to mucous membranes of the digestive tract.

**Reported As Potential Carcinogen or Carcinogen**

|  |   |                       |
|--|---|-----------------------|
| <b>International Agency for Research on Cancer</b> | X | <b>Not Applicable</b> |
|--|---|-----------------------|

|                                    |             |
|------------------------------------|-------------|
| <b>National Toxicology Program</b> | <b>OSHA</b> |
|------------------------------------|-------------|

**SECTION VI(b) - First Aid Procedures**

**Inhalation** Remove victim to fresh air. If breathing is difficult, seek medical attention.

**Eye** Flush eyes with plenty of water for 15 minutes. Get immediate medical attention.

**Skin** Flush with water for 15 minutes while removing contaminated clothing. If irritation persists, seek medical attention.

**Ingestion** If conscious and alert, give large quantities of water. Do not induce vomiting. Seek medical attention immediately.

**SECTION VI(c) - Employee Protection**

**Respiratory Protection (Utilize NIOSH approved respirators. Refer to manufacturer's protection factors and OSHA standard 1910.134 as a guideline.)** During prolonged use, dust masks are recommended.

**SPECIAL PROTECTION INFORMATION:**

**EYE** Wear goggles if eye contact is possible. Eyewash facilities should be in close proximity.

**SKIN** Wear protective gloves if skin contact is possible.

**VENTILATION** Adequate local exhaust ventilation required where dust may be generated.

**SPECIAL PROTECTION** Soiled clothing must be washed and dried before reuse. Emergency shower facilities should be in close proximity.

**SECTION VII - Special Precautions**

**Handling and Storage** Store in dry, cool area. Do not store in aluminum containers. Avoid contact with acids.

**Other Precautions**

**SECTION VIII - Environmental Protection**

**Spills / Releases** Spilled material will cause slippery surfaces. Sweep spilled material. Neutralize residue with weak acid.

**Waste Disposal Method** Dispose of in accordance with applicable local, state and federal regulations.

**DISCLAIMER**

The information contained herein is based upon data available to us and reflects our best professional judgement. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all federal, state and local regulations. Our goal is to manufacture products with zero or minimal hazards. Our products are improved daily as up-to-date information and research is received from our suppliers to use products with less or no hazards. Please feel free to contact us for current information.