1. Identification

Product Identity: HD HI-Foam 12 SC
Recommended Use: General Purpose water-based degreaser

Producer / Distributor

Multi-Clean
600 Cardigan Road
Shoreview, MN 55126

Telephone Number for Information: 651-481-1900
Emergency Telephone Number: 800-255-3924

2. Hazard Identification

Classification:

Health Class
Skin Corrosion Category 1
Serious Eye Damage Category 1
Reproductive Toxicity Category 2
Specific Target Organ Toxicity - Repeated Exposure Category 2

Physical Class

Environment Class
Acute Aquatic Toxicity Category 2

Label Symbols

Signal Word Danger

Hazard Statements:
Causes severe skin burns and eye damage.
Suspected of damaging fertility or the unborn child.
May cause damage to kidneys through prolonged or repeated exposure.

Precautionary Statements:
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
If exposed or concerned: Get medical attention.
Store locked up.
Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide</td>
<td>1310-58-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Lauramide Oxide</td>
<td>1643-20-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Tetra-Sodium Salt EDTA</td>
<td>64-02-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60 - 100</td>
</tr>
</tbody>
</table>

4. First-Aid Measures:

Ingestion: If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.

Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.

Inhalation: Move to fresh air.

5. Fire Fighting Measures:

Suitable Extinguishing Media: Not Applicable
Special Fire Fighting Procedures: Not Applicable
Unusual Fire and Explosion Hazards: Not Applicable

6. Accidental Release Measures:

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.
7. **Handling and Storage:**

   **Handling:** Keep from freezing. Keep out of reach of children.

   **Storage:** Normal care for storage.

8. **Exposure Controls / Personal Protection:**

<table>
<thead>
<tr>
<th>Exposure Limits</th>
<th>Ingredients</th>
<th>CAS Number</th>
<th>Osha PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide</td>
<td>1310-58-3</td>
<td>2 mg/M3</td>
<td>2 mg/M3</td>
<td></td>
</tr>
</tbody>
</table>

**Exposure Controls:** Normal good ventilation is sufficient

**Personal Protective Equipment:**

- **Eye Protection:** Approved Safety Goggles or Glasses
- **Skin Protection:** Chemical Resistant Rubber Gloves
- **Respiratory Protection:** Not required, Avoid breathing spray mist

9. **Physical and Chemical Properties:**

   - **Physical State:** Liquid
   - **Appearance:** Clear
   - **Odor:** Mild
   - **Solubility:** Complete
   - **Evaporation Rate:** NA
   - **Vapor Pressure (MM HG):** NA
   - **Vapor Density (Air = 1):** NA
   - **pH:** > 13
   - **Specific Gravity (H2O = 1):** 1.04
   - **Flash Point:** None
   - **Boiling Point:** > 212° F (100°C)
   - **%volatile:** 60 - 100%

10. **Stability and Reactivity:**

   - **Chemical Stability:** Stable
   - **Possibility of Hazardous Reactions:** None are known
   - **Incompatibility (Materials to Avoid):** None are known
   - **Hazardous Decomposition or By-products:** None
   - **Hazardous Polymerization:** Will not Occur
   - **Conditions to Avoid:** None are known

11. **Toxicological Information:**

   **Signs and Symptoms of Overexposure:**
   - **Eye Contact:** Possible burning, tearing, redness and corneal damage.
   - **Skin Contact:** Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.
   - **Inhalation:** None Known
   - **Ingestion:** May be harmful if swallowed

   **Target Organ Effects:** Kidneys and Suspected of damaging fertility or the unborn child.

   **Chronic Effects:** May cause damage to kidneys through prolonged or repeated exposure.

   **Acute Toxicity Values:**
   - **Oral LD₅₀:** > 5000 mg/kg
   - **Dermal LD₅₀:** > 5000 mg/kg
   - **Inhalation (Vapor) LC₅₀:** Vapors Considered Non-Toxic

12. **Ecological Information:**

   - **Persistence and Degradability:** Not Available
   - **Bio Accumulative Potential:** Not Available
   - **Mobility in Soil:** Not Available
   - **Aquatic Toxicity:** Toxic to Aquatic Life

13. **Disposal Considerations:**

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.
14. Transportation Information:
   UN Number: UN3266
   Shipping Name: Corrosive, Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide)
   Transport Hazard Class: 8
   Packing Group: II
   Marine Pollutant: NO

15. Regulatory Information:
   TSCA Status: All ingredients listed
   Clean Water Act: Potassium Hydroxide (1310-58-3) is listed in the Clean Water Act as a Hazardous Substance.
   Clean Air Act: None of the chemicals in this product are listed under the CAA
   CERCLA Reportable Quantity: Potassium Hydroxide (1310-58-3), > 1000 lbs.
   SARA Title III Information:
      Section 302 Extremely Hazardous Chemicals: None Listed
      Section 311 / 312 Hazard Category: Immediate Health
      Section 313 Toxic Chemicals: None Listed
   State Regulations: None
   International Regulations: WHMIS Controlled Product Hazard Class: E

   California Cleaning Product Right to Know Act of 2017 (SB 258)

<table>
<thead>
<tr>
<th>Raw Material</th>
<th>CAS No</th>
<th>Function</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Diluent</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>ethylenediamine tetraacetate</td>
<td>64-02-8</td>
<td>Acid</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Lauryl Dimethylamine Oxide</td>
<td>1643-20-5</td>
<td>Detergent</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>Builder</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ethoxylated Alcohol</td>
<td>34398-01-1</td>
<td>Detergent</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

16. Other Information:
   Prepared By: Jeremy Waldner
   Telephone Number: 651-481-1900
   Revision Date: 1/1/2020
   Supersedes: 7/21/2014
   This SDS applies to the following Part Numbers
   902823
   910923
   910927

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