1. **Identification**
   
   **Product Identity:** 12 HD HI-Foam  
   **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:**  
     - Mild Skin Irritation Category 3  
     - Eye Irritant Category 2  
     - Reproductive Toxicity Category 2  
   - **Physical Class:**  
   - **Environment Class:**

   **Label**
   
   **Symbols**

   **Signal Word** Warning

   **Hazard Statements:**
   - Causes eye and mild skin irritation.  
   - Suspected of damaging fertility or the unborn child.

   **Precautionary Statements:**
   - Wash hands thoroughly after handling.  
   - Do not handle until all safety precautions have been read and understood.  
   - Wear protective clothing/eye protection.  
   - If skin irritation occurs: Get medical attention.  
   - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
   - If eye irritation persists: Get medical attention.  
   - 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>Sodium Carbonate</td>
<td>497-19-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Surfactant Blend</td>
<td>Proprietary</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Lauramide Oxide</td>
<td>1643-20-5</td>
<td>3 - 7</td>
</tr>
<tr>
<td>Tetra-Sodium 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** None are known

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:

Exposure Limits

Ingredients
None Listed

Exposure Controls

Engineering 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

Specific Gravity (H2O = 1): 1.04

pH: < 11.5

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: Causes irritation on direct contact

Acute Effects:

Eye Contact: Causes irritation on contact

Skin Contact: Causes mild irritation on prolonged or repeated contact

Inhalation: None Known

Ingestion: May be harmful if swallowed

Target Organ Effects: Skin, Eyes and Suspected of damaging fertility or the unborn child.

Chronic Effects: None Known

Acute Toxicity Values:

Oral LD 50 > 5000 mg/kg

Dermal LD 50 > 5000 mg/kg

Inhalation (Vapor) LC 50 Vapors Considered Non-T

12. Ecological Information:

Persistence and Degradability: Not Available

Bio Accumulative Potential: Not Available

Mobility in Soil: Not Available

Aquatic Toxicity: Not Available

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: None

Shipping Name: Cleaning Compound, Liquid

Transport Hazard Class: None

Packing Group: None

Marine Pollutant: NO
15. **Regulatory Information:**
   - **TSCA Status:** All ingredients listed
   - **Clean Water Act:** None of the chemicals in this product are listed under the CWA
   - **Clean Air Act:** None of the chemicals in this product are listed under the CAA
   - **CERCLA Reportable Quantity:** None
   - **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:** None

16. **Other Information:**
   - **Prepared By:** Eric Scholl
   - **Telephone Number:** 651-481-1900
   - **Revision Date:** 6/7/2013
   - **Supersedes:** 4/1/2012
   - **This SDS applies to the following Part Numbers:** 908822

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