

**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:** 888-255-3924**Multi-Clean<sup>®</sup>****2. Hazard Identification****GHS Classification:**Mild Skin Irritation Category 3  
Eye Irritant Category 2**Label  
Symbols****Signal Word** Warning**Hazard Statements:**

Causes eye and mild skin irritation.

**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.

Dispose of contents in accordance with local regulations.

**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Sodium Carbonate	497-19-8	1 - 5
Surfactant Blend	Proprietary	1 - 5
Lauramide Oxide	1643-20-5	3 - 7
Tetra-Sodium EDTA	64-02-8	1 - 5
Water	7732-18-5	60 - 100

**4. First-Aid Measures:****Inhalation:** Move to fresh air.**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.**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

CAS Number

XXXX

Osha PEL

XXX

ACGIH TLV

XXX

**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**Specific Gravity (H<sub>2</sub>O = 1):** 1.04**Vapor Pressure (MM HG):** NA**Viscosity****Solubility:** Complete**Vapor Density (Air = 1):** NA**pH:** < 11.5**Flammability:** None**Auto Ign Temp****%volatile:** 60 - 100%**Flash Point:** None**Decomposition Temp****LEL / UEL****Boiling Point:** > 212° F (100°C)**Freezing Point****Evaporation Rate:** NA**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:** None known or expected under normal use.**Chronic Effects:** None known or expected under normal use.**Acute Toxicity Values:****Oral LD<sub>50</sub>** > 5000 mg/kg**Dermal LD<sub>50</sub>** > 5000 mg/kg**Inhalation (Vapor) LC<sub>50</sub>** Vapors Considered Non-Toxic**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

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

Raw Material	CAS No	Function	List
Water	7732-18-5	Diluent	Not Applicable
Sodium Gluconate	527-07-1	Chelator	Not Applicable
Lauryl Dimethylamine Oxide	1643-20-5	Detergent	Not Applicable
Alcohol Ethoxylate	68551-12-2	Detergent	Not Applicable
ethylenediamine tetraacetate	64-02-8	Acid	Not Applicable
Sodium Carbonate	497-19-8	Chelator	Not Applicable

**16. Other Information:**

**Prepared By:** Mike Tarvin

**Telephone Number:** 651-481-1900

**Revision Date:** 1/10/2023

**Supersedes:** 1/1/2020

**This SDS applies to the following Part Numbers**

908822

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<b>Health</b>	2
<b>Flammability</b>	0
<b>Physical hazards</b>	0