

1. Identification**Product Identity:** 12 HD HI-Foam 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**

Ingredient	CAS Number	Percent by Weight
Potassium Hydroxide	1310-58-3	1 - 5
Lauramide Oxide	1643-20-5	1 - 5
Tetra-Sodium Salt EDTA	64-02-8	1 - 5
Water	7732-18-5	60 - 100

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:****Exposure Limits****Ingredients**

Potassium Hydroxide

CAS Number

1310-58-3

Osha PEL

2 mg/M3

ACGIH TLV

2 mg/M3

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**pH:** > 13**Appearance:** Clear**Specific Gravity (H₂O = 1):** 1.04**Odor:** Mild**Flammability:** None**Solubility:** Complete**Flash Point:** None**Evaporation Rate:** NA**Boiling Point:** > 212° F (100°C)**Vapor Pressure (MM HG):** NA**%volatile:** 60 - 100%**Vapor Density (Air = 1):** 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:** Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.**Acute Effects:****Eye Contact:** Severe Eye damage can result from direct contact.**Skin Contact:** Causes severe skin burns**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-T**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**16. Other Information:****Prepared By:** Eric Scholl**Telephone Number:** 651-481-1900**Revision Date:** 7/21/2014**Supersedes:** 6/7/2013**This SDS applies to the following Part Numbers**

902823

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Health	2
Flammability	0
Physical hazards	0