

**1. Identification:**

**Product Identity:** Formula 305  
**Recommended Use:** Water-Based Cleaner/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**

Acute Toxicity Category 5  
 Skin Corrosion Category 1  
 Serious Eye Damage Category 1  
 Reproductive Toxicity Category 2  
 Specific Target Organ Toxicity Category 1

**Physical Class**

Corrosive to Metal

**Environment Class**

Acute Aquatic Toxicity Category 3

**Label****Symbols**

**Signal Word** Danger

**Hazard Statements:**

May be harmful if swallowed.  
 Causes severe skin burns and eye damage.  
 Suspected of damaging fertility or the unborn child.  
 Causes damage to organs (lungs, kidneys). May be corrosive to metals.

**Precautionary Statements:**

Do not breathe dusts or mists.  
 Wash hands thoroughly after handling.  
 Wear protective clothing/eye protection.  
 Do not handle until all safety precautions have been read and understood.  
 Do not eat, drink, or smoke when using this product.  
 Keep only in original container.  
 Call a doctor if you feel unwell.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN: 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.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If exposed or concerned: Get medical attention.  
 Absorb spillage to prevent material damage.  
 Store locked up.  
 Dispose of contents in accordance with local regulations.

**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Sodium Metasilicate Pentahydrate	6834-92-0	1 - 5
Sodium Hydroxide	1310-73-2	5 - 10
Water	7732-18-5	60 - 100

**4. First-Aid Measures:**

**Ingestion:** If Swallowed: Do not induce vomiting. If person can swallow, give several glasses of water. Obtain immediate medical attention.  
**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:** Remove to fresh air. If irritation persists, obtain medical attention.

**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	CAS Number	Osha PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	2 mg/M3	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

**9. Physical and Chemical Properties:**

**Physical State:** Liquid

**Appearance:** Red

**Odor:** Mild

**Solubility:** Complete

**Evaporation Rate:** NA

**Vapor Pressure (MM HG):** NA

**Vapor Density (Air = 1):** < 1

**pH:** 13 - 14

**Specific Gravity (H<sub>2</sub>O = 1):** 1.07

**Flammability:** None

**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.

**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:** Skin, Eyes, Lungs, Kidneys, and Suspected of damaging fertility or the unborn child.

**Chronic Effects:** Causes damage to organs (lungs, kidneys).

**Acute Toxicity Values:**

**Oral LD<sub>50</sub>** = 2000 - 5000 mg/kg

**Dermal LD<sub>50</sub>** = 2000 - 5000 mg/kg

**Inhalation (Vapor) LC<sub>50</sub>** = 20 - 50 mg/l

**12. Ecological Information:**

**Persistence and Degradability:** Not Available

**Bio Accumulative Potential:** Not Available

**Mobility in Soil:** Not Available

**Aquatic Toxicity:** Harmful 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. (Sodium Hydroxide)  
**Transport Hazard Class:** 8  
**Packing Group:** II  
**Marine Pollutant:** NO

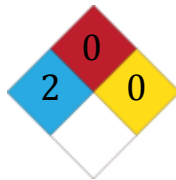
**15. Regulatory Information:**

**TSCA Status:** All ingredients listed  
**Clean Water Act:** Sodium Hydroxide (1310-73-2) 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:** Sodium Hydroxide (1310-73-2), > 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:** Ron Camp  
**Telephone Number:** 651-481-1900  
**Revision Date:** 6/7/2013  
**Supersedes:** 4/1/2012

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