

**1. Identification:****Product Identity:** FORMULA 305 Concentrate Part B**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

**Multi-Clean**<sup>®</sup>  
Your Guide To Clean
**2. Hazard Identification:****Classification:****Health Class**Acute Toxicity Category 4  
Skin Corrosion Category 1  
Serious Eye Damage Category 1  
Reproductive Toxicity category 2  
Specific Target Organ Toxicity - Single Exposure Category 1  
Specific Target Organ Toxicity - Repeated Exposure Category 2**Physical Class**

Corrosive to Metal

**Environment Class****Label****Symbols****Hazard Statements:**Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Suspected of damaging fertility or the unborn child.  
Causes damage to lungs and respiratory system.  
May cause damage to kidneys through prolonged or repeated exposure.  
May be corrosive to metals.**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.  
Do not eat, drink or smoke when using this product.  
Keep only in original container.  
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. Call a doctor if you feel unwell.  
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.  
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	6834-92-0	< 10
Sodium Hydroxide	1310-73-2	< 35
Water	7732-18-5	55 - 75

**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:** 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. Do not breathe spray mist.

**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, Avoid breathing spray mist

**9. Physical and Chemical Properties:**

**Physical State:** Liquid

**pH:** 13 - 14

**Appearance:** Clear

**Specific Gravity (H<sub>2</sub>O = 1):** 1.2

**Odor:** Odorless

**Flammability:** None

**Solubility:** Complete

**Flash Point:** None

**Evaporation Rate:** NA

**Boiling Point:** > 212° F (100°C)

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

**%volatile:** NA

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

**10. Stability and Reactivity:**

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None are known

**Incompatibility (Materials to Avoid):** Strong Oxidizing Agents

**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 burns or irritation on contact

**Acute Effects:**

**Eye Contact:** Severe Eye damage can result from direct contact.

**Skin Contact:** Causes burns or irritation on contact

**Inhalation:** None Known

**Ingestion:** Harmful if swallowed

**Target Organ Effects:** Kidneys, Lungs, Respiratory System 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 LD<sub>50</sub>** = 300 - 2000 mg/kg

**Dermal LD<sub>50</sub>** = 1000 - 2000 mg/kg

**Inhalation (Vapor) LC<sub>50</sub>** = 10 - 20 mg/l

**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 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

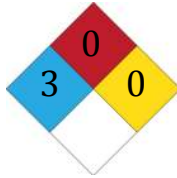
**15. Regulatory Information:**

**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:** Notice State of California; Warning; This product may contain chemicals known to the state of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.  
**International Regulations:**

**16. Other Information:**

**Prepared By:** Ron Camp  
**Telephone Number:** 651-481-1900  
**Revision Date:** 6/7/2013  
**Supersedes:** 4/1/2012

The information contained herein is based on data considered accurate; however no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The company assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the



<b>Health</b>	3
<b>Flammability</b>	0
<b>Physical hazards</b>	0