



# MATERIAL SAFETY DATA SHEET

## Product Name: Ultra Clean Wash Alkaline Detergent

### Section I: Supplier Information

Issue Date: 11/27/07

Ultra Clean Systems, Inc.  
12700 Dupont Circle  
Tampa, Florida 33626  
[www.ultracleansystems.com](http://www.ultracleansystems.com)

Emergency Phone: INFOTRAC – 800-535-5053  
Product Type: Cleaning Compound  
Product Numbers: 90-0150, 90-0155, 90-0160,  
90-0165

### Section II: Hazardous Ingredients/Identification Information

	OSHA	ACGIH	TLV
Potassium Hydroxide	N.E.	2MG/M3	1310-58-3
Sodium Silicate	N.E.	N.E.	1344-09-8

DOT Hazard Class: Corrosive liquid, basic, inorganic, N.O.S., 8, II UN3266 (contains Sodium Metasilicate)

### Section III: Physical/Chemical Characteristics

Appearance: Clear Amber Liquid	Odor: Mild	Specific Gravity (H <sub>2</sub> O = 1): 1.3
pH: 12.0 – 13.0	Vapor Pressure: UKN	Solubility in Water: Complete
Evaporation Rate (Butyl Act = 1): UKN	Vapor Density: UKN	Boiling Point: >212°F

### Section IV: Fire and Explosion Hazard Data

Flammable: 0                      Health: 3                      Reactivity: 1                      Special: N/A  
Flash Point: None                      Extinguishing Media: As required by surrounding fire  
Special Fire Fighting Procedures: Wear self-contained full face breathing apparatus.  
Unusual Fire and Explosion Hazards: Dilution with water may release heat.

### Section V: Reactivity Data

Stability: Product is stable.                      Hazardous Decomposition or By Products: CO, CO<sub>2</sub>  
Incompatible Materials: Strong acids, aluminum                      Hazardous Polymerization: Will Not Occur  
Conditions to Avoid: Extreme temperatures

### Section VI: Health Hazard Data

Sensitization: No                      Carcinogenicity: None                      Mutagenicity: None

#### Effects of Overexposure (Acute and/or Chronic)

Skin and Eyes: Direct contact may cause minor irritation to possible chemical burns.  
Ingestion: Harmful or Fatal. Causes chemical burns of mouth, throat and stomach.

### Section VII: Preventative and Control Measures

Respiratory Protection: Dust mask if necessary	Ventilation: Use adequate ventilation
Protective Gloves: Rubber gloves	Protective Clothing: None Required
Eye Protection: Safety Glasses	Other Protective Measures: Avoid skin contact

### Section VIII: First Aid Measures

Skin: Remove contaminated clothing and immediately wash exposed area with water for 15 minutes.  
Eyes: Flush immediately with large amounts of water for 15 minutes. Seek medical attention.  
Ingestion: Give large quantities of water then several glasses of milk. Do NOT induce vomiting. See medical attention.  
Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. Seek medical attention.



# MATERIAL SAFETY DATA SHEET

Product Name: Ultra Clean Wash Alkaline Detergent

## Section IX: Disposal Considerations

**Steps to be taken if material is spilled or released:** Contain large spills and pump to recover. Small spills can be mopped up and recovered. Contaminated area should be neutralized. When you are disposing of the waste or recovered material, dispose in accordance with federal, provincial, state and local requirements.

## Section X: Handling and Storage

Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

## Section XI: Disclaimer

The information and recommendations contained herein are based upon data believed to be correct. However, Ultra Clean Systems, Inc. does not guarantee their accuracy or completeness nor shall any of this information constitute a guarantee or warranty, whether expressed or implied, as to the safety of the goods.