



MATERIAL SAFETY DATA SHEET

Product Name: Ultra Clean Cart Rinse & Shine

Section I: Supplier Information

Issue Date: 11/27/07

Ultra Clean Systems, Inc.
12700 Dupont Circle
Tampa, Florida 33626
www.ultracleansystems.com

Emergency Phone: INFOTRAC – 800-535-5053
Product Type: Cleaner
Product Numbers: 90-0185, 90-0190, 90-0195
90-0200

Section II: Hazardous Ingredients/Identification Information

CAS Number	Chemical Name	% By Wght.	OSHA PEL/ ACGIH TLV	SARA 302/304(1)	SARA 313 (2)	STATE Info (3) (4)
9003-11-6	Polyoxyalkylene Glycol Polyether Polyol	<18.0	N.E.	No	No	No

Caution: This product may cause moderate to severe irritation and possible tissue damage to eyes.

Section III: Physical/Chemical Characteristics

Appearance: Clear Dark Blue Liquid	Odor: Odorless	Specific Gravity (H ₂ O = 1): 1.02
pH Concentrate: 10.0	Vapor Pressure (mmHg): N.E.	Solubility in Water: Complete
Evaporation rate: (Butyl Acetate = 1): N.E.	Vapor Density (Air=1): N.E.	Boiling Point: >200°F

Section IV: Fire and Explosion Hazard Data

Flash Point: No flash by standard methods.
Extinguishing Media: Dry chemical, C₀2, foam or water spray is recommended.
Special Fire Fighting Procedures: Wear a self contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.

Section V: Reactivity Data

Stability: Stable	Hazardous Polymerization: Will not occur
Conditions to avoid: High temperature	Hazardous Decomposition Products: CO, C ₀ 2
Incompatibility: Strong acids, strong oxidizing agents	

Section VI: Health Hazard Data

Primary Route of Entry: Eye contact, skin contact

Acute/Potential Health Effects

Eyes: Causes irritation, experienced as stinging discomfort, pain, tearing or redness. Corneal injury may occur.
Skin: May cause minor irritation with itching and possible slight local redness. Prolonged or repeated contact may cause defatting and drying of the skin.
Inhalation: Not harmful
Ingestion: May cause nausea, vomiting and diarrhea
Chronic/Long Term Effects: No data
Signs and symptoms of overexposure: Prolonged or repeated skin exposure may cause defatting of skin.
Target Organ Effects: No data
Reproductive/Developmental Information: No data
Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Section VII: Preventative and Control Measures

Respiratory Protection: No special requirements are needed for this material.
Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene), clothing and boots.



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Eye Protection: Wear safety glasses with side shields or goggles.

Engineering Controls: Good general ventilation required.

Section VIII: First Aid Measures

Skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Ingestion: Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person.

Inhalation: No special treatment is necessary since this product is not likely to be hazardous by inhalation.

Section IX: Accidental Release Measures

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Absorb spill with inert material (e.g. dry sand, earth). Prevent runoff from entering drains, sewers, streams or other bodies of water.

Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section X: Handling and Storage

Follow all MSDS/label precautions even after container is emptied because they may contain product residues. Use with adequate ventilation. Do not get in eyes, on skin or clothing. Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.

Section XI: Transportation

D.O.T. Shipping Name / Class: Not Regulated.

Section XII: Disposal Considerations

Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section XIII: Toxicological/Ecological Information

No data

Section XIV: Regulatory Information

US Federal Regulations

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

Title I Section 311/312 Hazardous Categories – 40 CFR 370.2:

Acute (X) Chronic () Fire () Pressure () Reactive () Not Applicable ()

1. Title III Section 302/304 Extremely Hazardous Substances – 40 CFR 355 Appendix A
2. Title III Section 313 Toxic Chemicals – 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s). None



MATERIAL SAFETY DATA SHEET

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State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

3. California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986).
4. Massachusetts (Hazardous Substance Disclosure by Employers)

Section VI: Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Section XVI: 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.