

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

Identity (as used on Label and List)  
**ESafe Environmentally-Safe Cleaner**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

### Section I - Manufacturer's Information

Manufacturer's Name <b>Plutus Environmental Technologies, Inc.</b>	Emergency Telephone Number <b>++1 (865) 453-0060</b>
Address (number, Street, City, State and Zip Code) <b>807 Mize Lane Sevierville, Tennessee 37862-3027 USA</b>	Telephone Number for Information <b>++1 (865) 453-0060</b>
	Date Prepared <b>Updated 01 September 2004</b>
	Signature of Preparer (optional)

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended % (optional)  
**None; Proprietary blend of surfactants and organic solvents in aqueous solution; contains 2ppm Floresin and 2ppm Orcoacid Ortofast Turq for identification. Contains no HAP, ODC or NP surfactants.**

### Section III - Physical/Chemical Characteristics

Boiling Point <b>H<sub>2</sub>O = 100° C</b>	Specific Gravity (H <sub>2</sub> O = 1) <b>1.04 - 1.27</b>	Vapour Pressure (mm Hg) <b>N/A</b>	Melting Point <b>N/A</b>	Vapour Density (Air = 1) <b>N/A</b>	Evaporation Rate (Butyl Acetate = 1) <b>N/A</b>	Solubility in Water <b>Infinite</b>	Appearance and Odour <b>Clear green colour; light citrus odour</b>
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### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>None</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>	Extinguishing Media <b>N/A</b>	Special Fire Fighting Procedures <b>None</b>	Unusual Fire & Explosion Hazards <b>None known</b>
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### Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid <b>None known, unless water is evaporated; if all aqueous phase is evaporated, components will completely volatilize.</b>		
	Stable <b>X</b>			
Incompatibility (materials to Avoid) <b>Hydrocarbon-based substances; aluminium; silicone</b>	Hazardous Decomposition or Byproducts <b>None known</b>	Hazardous Polymerisation	May Occur	Conditions to Avoid <b>N/A</b>
			Will Not Occur <b>X</b>	

### Section VI - Health Hazard Data

Route(s) of Entry <b>No</b>	Inhalation? <b>No</b>	Skin? <b>No</b>	Ingestion? <b>May cause diarrhoea</b>	Health Hazards (Acute & Chronic) <b>May cause diarrhoea if volume ingested</b>	Carcinogenicity <b>No</b>	NTP? <b>No</b>	IARC Monographs? <b>No</b>	OSHA Regulated? <b>No</b>
Signs and Symptoms of Exposure <b>Hands may redden if immersed for several hours</b>			Medical Conditions Generally Aggravated by Exposure <b>None Known</b>	Emergency & First Aid Procedures <b>If ingested, drink quantities of fresh water; DO NOT INDUCE VOMITING. Flush eyes with water or saline solution. Call physician if irritation persists.</b>				

### Section VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or spilled <b>Mop up or use absorbent material; dispose in trash. Rinse surface thoroughly and apply local safety/spill clean-up measures as needed or required.</b>	Waste Disposal Method <b>May be safely poured down the drain.</b>	Precautions to be taken in Handling and Storing <b>None Known</b>	Other Precautions <b>Personal Protection Equipment (PPE) recommended at all times.</b>
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### Section VIII - Control Measures

Respiratory Protection (Specify Type) <b>N/A; contains no VOCs</b>	Ventilation	Local Exhaust <b>None Needed</b>	Special <b>None Needed</b>
		Mechanical (General) <b>N/A</b>	Other <b>None Needed</b>
Protective Gloves <b>Required</b>	Eye Protection <b>Suggested with use</b>	Other Protective Clothing or Equipment <b>As needed or required by work site policies and procedures.</b>	Work/Hygienic Practices <b>Avoid excessive exposure.</b>