



Leading  
Environmental  
Enhancement for  
Facilities

Non-toxic, Non-VOC, biodegradable, concentrated all surface cleaner. Specially designed for everyday light duty spray and wipe cleaning and floor cleaning. It removes routine soils from floors, walls and other surfaces. Excellent for use in mop and bucket cleaning or automatic floor scrubbers. Neutral pH will not harm floor finishes. No rinsing required.



# All Surface Cleaner Concentrate



## ENVIRONMENTALLY RESPONSIBLE COMPARISON

Traditional Products	LEEF
Nonylphenol ethoxylates	None
Hydrotropes	None
	Sodium Capryl Sulfonate
	Linear Alcohol Ethoxylates *
	VOC: None
pH 6 – 8	pH 6 – 7
Traditional Compound Descriptions:	LEEF Compound Descriptions:
<p><b>Nonylphenol ethoxylates</b> – a non-ionic surfactant that is used to provide wetting and detergency. However, it is derived from a petroleum-based product. It has a suspected harmful biodegradable intermediate.</p> <p><b>Hydrotropes</b> – is used to improve the solubility of surfactants in liquid cleaning products. However, it does not provide any detergency.</p>	<p><b>Sodium Capryl Sulfonate</b> – a completely biodegradable surfactant provides wetting and detergency.</p> <p><b>Linear Alcohol Ethoxylates *</b> - listed as Positive Environmental Profile surfactant on EPA design for the Environment Formulator Initiative. A non-ionic surfactant made from linear primary alcohol that biodegrades readily to compounds with low toxicity.</p>

## PRODUCT SPECIFICATIONS

Dilution:	1:64 Low Flow 1:256 High Flow	Solubility:	Complete with water
Color:	Pink	Detergency:	Excellent
Odor:	Mild Odor	Rinsability:	Excellent
pH:	6.0 – 7.0	Flash Point:	None
Viscosity:	Water thin	Biodegradability:	Completely
Foam:	low	Storage/Stability:	1 year
		Weight Per Gallon:	8.53 lbs. Per gallon
		Freeze/Thaw Stability:	Keep from freezing

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Product Name:** All Surface Cleaner – RTU  
(1:16 dilution)  
**Generic Name:** All Surface Cleaner  
**Chemical Family:** Detergent blend  
**Formula:** Proprietary

**Supplier's Name:** Leading Environmental Enhancements for Facilities  
**Supplier's Address:** 280 Seward Drive, Rutland, VT, 05701  
**Supplier's Phone #:** 800-950-3738

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Primary Alcohol Ethoxylate C9	84133-50-6	0 to 5			
Amphoteric Surfactant	5324-84-5	0 to 5			
Dye	Unknown	<0.05			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 212° F.  
**Vapor Pressure:** 20mm Hg @68°F.  
**% Volatile:** 90+  
**Solubility in Water:** Complete  
**Physical Description:** Thin clear light pink liquid with characteristic odor  
**VOC Content:** None

**Specific Gravity:** 1.006  
**Vapor Density (Air=1):** >1  
**pH:** 6.0 – 7.0  
**Evaporation Rate (Water=1):** >1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** None  
**Upper Explosion Limit:** N/A  
**Lower Explosion Limit:** N/A  
**Extinguishing Media:** Not applicable  
**Special Firefighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** N/A

## SECTION 5-REACTIVITY DATA

**Stability:** Stable

**Hazards Decomposition Products:** Not Known

**Hazardous Polymerization:** None

**Incompatibility (Materials to Avoid):** Strong Alkalies, Chlorine

## SECTION 6-STORAGE AND HANDLING INFORMATION

Slight eye irritant. Keep out of reach of children. Wear protective gloves and eyewear when handling. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**

**Skin:** May cause dryness, redness with prolonged or repeated contact.

**Eyes:** Mild eye irritant. May cause redness, tearing.

**Inhalation:** Essentially non-irritating

**Ingestion:** May cause nausea, abdominal pain.

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.

**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention immediately.

**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements

**Ventilation Requirements:** No special requirements

**Protective Gloves:** Rubber gloves recommended.

**Eye Protection:** Safety glasses recommended

**Other Protective Equipment:** None

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Disposal in sanitary sewer permitted. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

## SECTION 10-REGULATORY INFORMATION

**SARA Title III - Section 311/312 -Hazard Categories:**

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

**Shipping Information:**

FOR CONTAINERS > 1 Gallon : Cleaning Compound  
Non-Hazardous

FOR 1 GALLON CONTAINERS : Cleaning Compound  
Non-Hazardous

FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
None	None	None

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
None	None	None

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product