

MATERIAL SAFETY DATA SHEET

Date: March 05, 2012

PRODUCT IDENTIFICATION

Trade Name: **RE-NU ALL PURPOSE KLEEN #0014**

Chemical / Common Name: Surfactant and Buffered Hydroxide / Degreaser

Manufacturer: RE-NU Chem. Co.
Address: 2020 NW Aloclek Dr., Ste 124
Hillsboro, OR. 97124
Phone: 1-866-629-5969
National Stock Number: 6850-01-434-4426

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Numbers	Exposure Limits in Air		
		ACGIH	OSHA	Other
Sodium Hydroxide	1310-73-2			
Potassium Hydroxide	1310-58-3			
Total % Hydroxide	1.43	N/A	N/A	

Balance of formula is proprietary and is of food grade materials

III. PHYSICAL PROPERTIES

Vapor density (air = 1): 0.5
Specific gravity: 0.977
pH: 12.5 – 12.8
Solubility in Water: Complete
Vapor Pressure, mmHg at 20C: 46.0
Appearance and Odor: Light Yellow Liquid, Clean Sweet Odor
Boiling Point / Range, F: 220

IV. FIRE AND EXPLOSION

Flash point, F (given method): N/A
Auto ignition temperature, F: N/A
Flammable Limits in air, volume %: lower: NONE upper: NONE (H2O)
Fire Extinguishing Materials: X_ Water Spray
Unusual Fire and Explosion Hazards: None

V. HEALTH HAZARD INFORMATION

Symptoms of overexposure and first aid procedures:
Inhaled: None
Contact with skin/eyes: None, Flush with water for 15 minutes, if irritation persists, contact physician.
Absorbed through skin: None.
Swallowed: Nausea, contact a physician. Do not induce vomiting.

Health Effects or Risks from Exposure Acute: No known effects Chronic: No known effects
SUSPECTED CANCER AGENT? No X_:

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No Known Effects.
RECOMMENDATIONS FOR PHYSICIAN: None

VI. REACTIVITY DATA

Conditions to avoid: None Known
Incompatibility (materials to avoid): None Known
Hazardous Decomposition Products(Including combustion products): None
Hazardous Polymerization: May Occur X_ Will Not Occur
Conditions to avoid: None Known

VII SPILL, LEAK AND DISPOSAL PROCEDURES

Spill Response Procedures (including employee protection measures): No protective measures needed. Flush down drain with large quantities of water. Observe all local, state and federal regulations.
Preparing wastes for disposal (container types, neutralization, etc.): None
**Note: Dispose all wastes in accordance with federal, state and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: None Needed. Local Exhaust Adequate.
Respiratory Protection: None Needed.
Eye Protection (Type): None Needed.
Gloves (Specify Material): None Needed.
Other Clothing / Equipment: None Needed.

Work Practices, Hygienic Practices: If sensitive skin, rubber gloves should be worn. If spraying overhead, wear goggles or face shield.
Apply as instructed. Other Handling and Storage Requirements: Use normal storage and handling procedures. Irritant, keep out of reach of children.

IX. LABELING

Caution: May be irritant. Rinse with cold water. Do not take internally.
D.O.T. Label* This product may contain a trace amount of one or more of chemicals on the California list of known carcinogens or substances known to cause birth defects or reproductive harm. These are not added to the product but occur naturally in the raw or processing equipment.