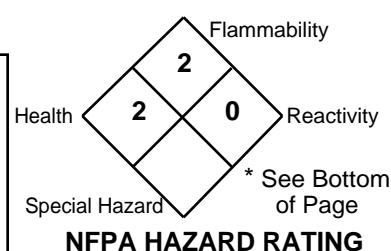


# MATERIAL SAFETY DATA SHEET

# 69

Distributed by:  
Chem Source  
1904 Lenore Lane  
Red Wing, MN 55066



Product Name: **Renew**

EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

## I. IDENTIFICATION

### Chemical Name And Synonyms:

Not Applicable

### Chemical Family:

Laundry Spotter

### DOT Shipping Name

Compounds, Cleaning Liquid  
(Potassium Hydroxide)

### DOT Hazard Class & I.D. Number

Corrosive Material NA1760

# PG  
8 II

## II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
2-Butoxyethanol	111-76-2	20	120mg/M3	120mg/M3	NA	Irritant to skin and eyes.
Potassium Hydroxide	1310-58-3	<3.5	2mg/M3	2mg/M3	NA	Corrosive to skin and eyes

\*\*Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable

## III. PHYSICAL DATA

**Boiling Point:** Not established  
**Specific Gravity:** 1.024  
**Appearance:** Clear, fluorescent yellow-green liquid

**Form:** Liquid  
**Solubility In Water:** Complete  
**Odor:** Solvent

## IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** 140°F - 200°F

**Extinguishing Media:** Water fog, Alcohol foam, CO2, Dry chemical

### Special Fire

**Fighting Procedures:** If a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.

### Unusual Fire And

**Explosion Hazards:** Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

## V. HEALTH HAZARD DATA

**Carcinogenic:** The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

**Effects Of Over-exposure:** Severely irritating to the eyes. Mildly irritating to skin, potentially toxic if absorbed. May irritate the nose, throat and respiratory tract if inhaled. Moderately toxic if ingested

### Emergency And First

**Aid Procedures:**  
EYES: Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. GET PROMPT MEDICAL ATTENTION.  
SKIN: Flush with water for 15 minutes. If irritation persists, GET MEDICAL ATTENTION. Remove contaminated clothing and wash before reuse.  
INHALATION: Remove victim to fresh air. If breathing is difficult, GET IMMEDIATE MEDICAL ATTENTION.  
INGESTION: DO NOT induce vomiting. Give large quantities of water or milk. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconscious person.

\* NFPA Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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## VI. REACTIVITY DATA

Stability - Unstable:  Stable:

**Conditions To Avoid:** Avoid heat and flame.

**Incompatibility:** Avoid contact with strong oxidizing agents, strong bases and their salts which can result in a runaway reaction at elevated temperatures, aluminum surfaces which can result in release of hydrogen gas.  
(Materials To Avoid)

### Hazardous

**Decomposition Products:** At flame temperatures carbon monoxide and carbon dioxide may be released.

## VII. SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Released Or Spilled:

Eliminate sources of ignition. Completely contain spilled material with dikes or sandbags, etc., and prevent run-off into ground or surface waters or sewers. Recover as much material as possible into containers for disposal. Fluff area with water to remove trace residue, dispose of flush solution.

**Waste Disposal Method:** Dispose of according to federal, state and local regulations.

## VIII. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Respiratory protection is not required for normal use. If mist level is high, wear NIOSH approved respirator.

**Ventilation:** Adequate to control vapor concentrations.

**Protective Gloves:** Chemical resistant gloves

**Eye Protection:** Chemical goggles

**Protective Clothing:** Apron and other clothing to minimize contact.

## IX. SPECIAL PRECAUTIONS

### Precautions To Be Taken In Handling And Storing:

Keep liquid and vapor away from heat, sparks and flame. Vapors may accumulate and travel to ignition sources distant from the handling site. Keep containers closed when not in use. Use only with adequate ventilation. Wash with soap and water before eating, drinking, smoking, or using toilet.

**Other Precautions:** Safety shower and eyewash stations should be provided in the areas where this product is handled.

## X. REVISED INFORMATION

**MSDS Status:**

**Revised:** 6/2/1999 lmt

**Supersedes:**

The opinions expressed herein are those of qualified experts within ANDERSON Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of ANDERSON Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.