

**MATERIAL SAFETY DATA SHEET**

Essentially similar to US Department of Labor Form OSHA-174

**Ranger Chemicals, Inc.****SECTION I (PRODUCT IDENTIFICATION AND INFORMATION)****EMERGENCY PHONE: (800) 535-5053**

**Trade Name:** ***Fast N Easy*** Oven and Grill Cleaner  
**DOT Shipping Name:** Compound, Cleaning, Liquid (Non-regulated)

**Product / MSDS Code: 2290****Date:** 11/14/05 **Supersedes:** 05/07/97**NFPA Hazard Rating:**

Health: 3  
 Fire: 0  
 Reactivity: 0  
 Special: N/A

**HMIS Hazard Rating:**

Health: 3  
 Flammability: 0  
 Reactivity: 0  
 Personal Protection: B\*  
 \*(see Section VII)

**Hazard Rating Scale:**

0=Minimal  
 1=Slight  
 2=Moderate  
 3=Serious  
 4=Severe

**SECTION II (HAZARDOUS INGREDIENTS)**

Chemical Name	CAS #	OSHA PEL (ppm)	ACGIH TLV (ppm)
2-butoxyethanol	111-76-2	25	25
Potassium hydroxide	1310-58-3	2	2

**SECTION III (PHYSICAL / CHEMICAL CHARACTERISTICS)**

<b>Boiling Point</b>	N/A	<b>Specific Gravity</b>	1.04
<b>Vapor Pressure</b>	> 1	<b>Evaporation Rate</b>	N/A
<b>Vapor Density</b>	not determined	<b>Water Reactive</b>	No
<b>Solubility in Water</b>	Miscible	<b>pH</b>	13.0 – 14.0
<b>Appearance &amp; Odor</b>	Yellow or Red Liquid Butyl Odor		

**SECTION IV (FIRE AND EXPLOSION HAZARD DATA)**

**Flash Point (method used):** None  
**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire  
**Special Fire Fighting Procedures:** No Special Requirements  
**Unusual Fire and Explosion Hazards:** None

**SECTION V (REACTIVITY DATA)**

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility (materials to avoid):** Acids, oxidizers, combustible material and metals  
**Hazardous decomposition products:** None known  
**Hazardous polymerization:** Will not occur  
**Conditions to avoid:** N/A

Manufactured By: Ranger Chemicals, Inc.  
 6531 Industrial Drive \* Sachse, Texas 75048 \* 800-688-6825  
 email: ranger@rangerchemicals.com

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# Ranger Chemicals, Inc.

MSDS #2290

**SECTION VI (HEALTH HAZARD DATA)**

**Primary Routes of Exposure:** Eye contact, skin absorption, ingestion, eye

**Acute Effects of Overexposure:** *Inhalation* – Vapor and mists are corrosive to the nose, throat and mucous membranes.

*Eye contact* – Corrosive to the eye, severe irritation and eye damage. *Ingestion* – Severe tissue damage, can cause gastrointestinal irritation. *Skin contact* – Corrosive to the skin, severe burns, irritation with prolonged skin contact.

**Chronic Effects of Overexposure:** Tissue damage

**Medical Conditions Generally Aggravated by Exposure:** None known.

**Emergency First Aid Procedures:** *Eye contact* – Flush with water for 15 minutes and see a physician. *Ingestion* – **DO NOT** induce vomiting. Drink large amounts of water and/or milk. See a physician immediately. *Skin contact* – Wash with soap and water, neutralize with *vinegar* and rinse with water. Remove contaminated clothing. *Inhalation* – Move subject to fresh air.

**This material is not considered to be a carcinogen by OSHA, NTP or IARC.**

**SECTION VII (PERSONAL PROTECTION)**

<Letter Designations of Personal Protective Equipment:

A = Safety Glasses or Goggles

B = Safety Glasses or Goggles, Gloves

C = Safety Glasses or Goggles, Gloves, Synthetic Apron

D = Face Shield, Gloves, Synthetic Apron

**Respiratory Protection:** No special requirements

**Protective Gloves:** Rubber or plastic

**Eye Protection:** Safety glasses or splash goggles

**Other Protective Clothing and Equipment:** Apron and boots if desired.

**Ventilation Requirements:** Use in well ventilated areas.

**Hygienic Work Practice:** Always wash hands thoroughly after using.

**SECTION VIII (PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES)**

**Steps to be taken if material is spilled or released:** Mop up small spills

**Waste disposal methods:** Dispose of in accordance with local, state and federal regulations. Do not reuse empty container. Triple rinse (or equivalent) before disposal.

**Precautions to be taken in handling and storage:** Store out of reach of children. Keep containers tightly closed.

**Other precautions and / or special hazards:** Always read label instructions carefully before using.

**SECTION IX (SARA TITLE III, SECTION 313 SUPPLIER NOTIFICATION INFORMATION)**

**This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR 372:**

Chemical Name:	CAS #	% By Weight:
2-butoxyethanol	111-76-2	4.5

**We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied.**

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