

MATERIAL SAFETY DATA SHEET

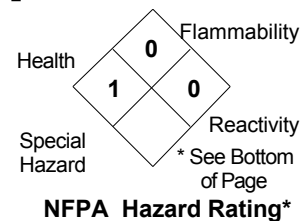
Manufactured by:

SURFLEX[®]
SERIES

Anderson

Chemical Company

325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



Product Name: HD Kitchen Cleaner/Degreaser

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

Revised: 6/24/2002 kma

Supersedes: 5/18/2000

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Compounds, Cleaning Liquid
(Potassium Hydroxide)

Chemical Family:

Detergent Cleaner

DOT Hazard Class & I.D. Number

Corrosive Material NA1760

PG

8 III

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
2-Butoxyethanol	111-76-2	8	25 ppm	25 ppm	313**	Irritating to skin and eyes.
Potassium hydroxide	1310-58-3	3	2 mg/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
NE: Not established

III. PHYSICAL DATA

Boiling Point: Above 212° F.

Specific Gravity: 1.055

Appearance: Green liquid

Form: Liquid

pH, 1% Soln.: 11.05

Solubility In Water: Complete

Odor: Solvent like

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Not applicable

Special Fire

Fighting Procedures: Although this product is not combustible, 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: If the stock solution container breaks, the solution should be handled with care as it is corrosive.

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: Corrosive. Causes irritation (possibly severe), burns to the eyes. May cause permanent eye damage. Causes irritation (possibly severe), burns to the skin. May be harmful if swallowed. The severity of effects depend on concentration and how soon after exposure the area is washed.

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.

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/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

Continued On Back

HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: Stable: X

Conditions To Avoid: Keep away from open flame, high temperatures.

Incompatibility: Strong oxidizing agents (eg., nitric acid, potassium permanganate), etc., strong bases at high temperatures, strong acids, strong reducing agents.
(Materials To Avoid)

Hazardous

Decomposition Products: Not applicable

VII. SPILL OR LEAK PROCEDURES

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

Small spills can be diluted with large amounts of water and flushed to sanitary sewer. For large spills, dike, neutralize the product with dilute acid.

Waste Disposal Method: Dispose according to governmental regulations. Neutralized wastes can usually be disposed of in a landfill or by diluting with a large amount of water and discharged to a sanitary sewer.

VIII. SPECIAL PROTECTION INFORMATION

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

Ventilation: Should be adequate to keep mist level below the TLV.

Protective Gloves: Rubber or chemical resistant.

Eye Protection: Chemical goggles.

Protective Clothing: Wear protective clothing along with rubber shoes or boots.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Wear protective equipment, wash after handling. Keep container closed.

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

X. REVISED INFORMATION

MSDS Status: II. HAZARDOUS INGREDIENTS: 2-Butoxyethanol (111-76-2) is a 313 chemical category.