

PRODUCT: EXCEL  
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1.0 IDENTIFICATION

- 1.1 Product Name: EXCEL  
1.2 Product Type: High alkaline liquid oven cleaner/degreaser.

2.0 HAZARDOUS INGREDIENTS

	TLV (MG/M3)		
	%	TWA	STEL
2.1 Potassium Hydroxide (Caustic Potash) 1310-58-3	10	2 c	

This product contains no other ingredient considered hazardous according to the criteria of 29 CFR 1910.1220.

3.0 PHYSICAL DATA

- 3.1 Appearance and Odor: Clear yellow orange liquid.  
3.2 Solubility in Water: Complete  
3.3 pH: 100% = 13.2-13.8  
3.4 Boiling Point: >212°F  
3.5 Specific Gravity: 1.035-1.040

4.0 FIRE AND EXPLOSION DATA

- 4.1 Specific Fire Hazards: None  
4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA

- 5.1 Stability: Stable under normal conditions of handling.  
5.2 Conditions to avoid: Do not mix with anything but water. Reacts violently with acids. Reacts with soft metals such as aluminum and zinc.

6.0 SPILL OR LEAK PROCEDURES

- 6.1 Cleanup: Rinse small amounts to drain where possible. Dike or dam large spills: pump to containers or soak up on inert absorbent. Flush residue to sewer with plenty of water; rinse area thoroughly  
6.2 Waste Disposal: Unused product as a waste is corrosive (D002) according to RCRA criteria. Consult state and local authorities for restrictions on disposal of chemical waste.

7.0 HEALTH HAZARD DATA

- 7.1 Effects of overexposure:  
Skin and eyes: Causes severe chemical burns. Eye contact may cause blindness  
Harmful skin contact may not cause immediate pain.  
\*\*\*IMMEDIATE WATER FLUSHING IS VITAL IN CASE OF EYE CONTACT\*\*\*  
If swallowed: Harmful or fatal. Causes chemical burns of mouth, throat and stomach  
If inhaled: Damages airways and lungs, depending upon amount and duration of exposure. Effects can vary from slight irritation to bronchitis or pneumonia. People with asthma or other lung problems may be more susceptible.  
Other Data: Butoxyethanol penetrates skin easily. Frequent or heavy contact may damage kidneys liver blood and or marrow. Causes corneal eye damage.

8.0 FIRST AID

GET MEDICAL ATTENTION IMMEDIATELY

- 8.1 Eyes: Immediately flush with plenty of cool running water. Remove contact lenses, continue flushing for at least 15 minutes holding eyelids apart to insure rinsing of entire eye. Call a physician immediately.  
8.2 Skin: Immediately flush with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.  
8.3 If Swallowed: Rinse mouth at once; then drink 1 to 2 glasses of water or milk. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.  
8.4 If inhaled: Immediately move to fresh air.

9.0 SPECIAL PROTECTION INFORMATION

- 9.1 Eyes: Splashproof glasses, goggles or face shield  
9.2 Skin: Rubber gloves-protective cuff or gauntlet type recommended  
9.3 Respiratory: Ventilate to maintain exposure below TLV 9s. Use a NIOSH/MSHA approved organic vapor respirator in high concentrations of butoxyethanol. Do not use on surfaces above 130 degrees F; irritating vapors may occur. Avoid inhalation of vapor or mist.  
9.4 Other: Avoid contact with use solutions of this product, as these may also be hazardous.

10.0 ADDITIONAL INFORMATION PRECAUTIONS

- 10.1 DOT Class: Corrosive Material NA 1760  
10.2 Keep from freezing

KEEP OUT OF REACH OF CHILDREN

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT WITH RESPECT TO THE FORMULA USED TO MANUFACTURE THE PRODUCT. AS DATA, STANDARDS AND REGULATIONS CHANGE, AND CONDITIONS OF USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OR IMPLIED IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.