



ENERGY

# ZIP

# SDS

### HMIS Code:

HEALTH HAZARD	2
FIRE HAZARD	0
REACTIVITY	0
SPECIFIC HAZARD	COR

# 8341

## SAFETY DATA SHEET SECTION I - IDENTIFICATION

### PRODUCT TRADE NAME: Zip

Chemical Family: Alkaline Cleaner

Formula: Proprietary

Product #: 8341

Date of Issue: 7/11/2016

Supplier:

**C K ENTERPRISES, INC.**  
1204 SW Jefferson Street  
Lee's Summit, Missouri 64081  
(816) 524-1304

### EMERGENCY CONTACT:

**CHEMTREC - 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## SECTION II - HAZARDOUS IDENTIFICATION

DANGER



### Health Hazards

Skin Corrosion/Irritation

Category 1

Serious eye damage/ eye irritation

Category 1

### Hazard Statements:

-Causes severe skin burns and eye irritation

### Precautionary Statements:

- Do not breathe in mist/vapors/spray/fumes
- Wash hands thoroughly after handling
- Wear protective gloves, clothing and eye protection
- IF SWALLOWED: Rinse mouth. Do not induce vomiting.
- IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
- IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Immediately call a poison center or physician
- Wash all contaminated clothing before reuse
- Store locked up
- Dispose of in accordance with all federal, state and local regulations

### Potential Acute Effects:

**Eyes-** Causes irritation to serious eye damage. Severity increases with duration of contact.

**Skin-** Causes mild to severe burns depending upon duration of contact

**Inhalation-** Will cause severe irritation to the respiratory tract

**Ingestion-** Corrosive to the mucous membranes of the mouth, throat, esophagus and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder.

## SECTION III - COMPOSITION INFORMATION

Name of Hazardous Ingredients	CAS Number	% by Weight
2-butoxyethanol	111-76-2	<10
Sodium Metasilicate	10213-79-3	<5
Potassium Hydroxide	1310-58-3	<5

## SECTION IV - FIRST AID MEASURES

### Emergency First Aid Procedures:

**IN EYES:** Flush immediately with clean water for 15 minutes.

Seek immediate medical attention.

**ON SKIN:** If irritation occurs, flush with plenty of clean water, use soap if available. Seek medical attention if a rash occurs or irritation continues. Remove contaminated clothing and wash.

**INHALATION:** Remove person to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.

**INGESTION:** Seek immediate medical attention. Dilute by giving two glasses of water to drink. Do not give if unconscious. Do not induce vomiting.

## SECTION V - FIREFIGHTING MEASURES

**Flash Point (Method Used):** N/A

**Flammable Limits:** LEL: N/A UEL:N/A

**Extinguishing Media:** None needed

**Special Fire Fighting Procedures:** Any method applicable to surrounding fire

**Hazardous Combustion Products:** None known

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken If Released or Spilled:** Slippery material, flush small spills to closest drain with plenty of water.



## C K Enterprises, Inc.

## SECTION VII - HANDLING AND STORAGE

**Precautions To Be Taken In Handling and Storage:** Keep container tightly closed when not in use. Store product at room temperature. Do not store near acidic material.

**Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.** Keep away from unauthorized personnel. Have eyewash accessible to use in handling area.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
2-butoxyethanol (111-76-2)	50ppm	5ppm		20ppm
Potassium Hydroxide (1310-58-3)		2mg/m <sup>3</sup>		2mg/m <sup>3</sup>

- **Respiratory Protection:** Use a NIOSH approved respirator if exposure limits are reached or exceeded
- **Ventilation:** Use in a well-ventilated area
- **Protective Gloves:** Rubber or neoprene gloves
- **Eye Protection:** Safety glasses or chemical splash goggles
- **Other Protective Equipment:** Rubber aprons
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	212°F
<b>Specific Gravity (Water = 1):</b>	1.20-1.25
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density (Air = 1):</b>	N/A
<b>Evaporation Rate (Water = 1):</b>	As water
<b>Solubility in Water:</b>	Soluble
<b>pH @ 100% solution:</b>	12.5-13.5
<b>Appearance/Odor:</b>	Blue liquid; Characteristic soap odor

## SECTION X - STABILITY AND REACTIVITY

**Stability Data:** Stable  
**Incompatibility:** None known  
**Hazardous Decomposition Products:** None known  
**Hazardous Polymerization:** Will not occur

## SECTION XI - TOXICOLOGICAL INFORMATION

<b>Routes of Entry</b>	Dermal, Oral, and Inhalation
<b>Symptoms</b>	Can cause burns with prolonged exposure
<b>Skin Irritant</b>	Yes
<b>Eye Irritant</b>	Yes
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	2-butoxyethanol: IARC Group 3 (not classifiable as a human carcinogen)
<b>Reproductive</b>	No information found
<b>Target Organs</b>	None
<b>Aspiration Hazards</b>	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

Test	Results	Basis
<b>Dermal</b>	9,721 mg/kg	ATE determined beyond Category 4
<b>Oral</b>	5,064 mg/kg	ATE determined beyond Category 4
<b>Inhalation</b>	25.7 mg/l	ATE determined beyond Category 4

## SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Check with Federal, State, and Local authorities for regulations regarding the disposal of RCRA Hazardous Waste.

## SECTION XIV - TRANSPORT INFORMATION

**Proper Shipping Name:** Potassium Hydroxide Solution  
**D.O.T. Classification:** UN1814, 8, PGII  
**D.O.T. Placard:** UN1814/CORROSIVE  
**Precautions to be taken in transportation:** Keep container tightly closed.

## SECTION XV - REGULATORY 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 40 CFR 372:

<b>CAS #</b>	111-76-2	
<b>Chemical Name:</b>	2-butoxyethanol	
<b>Percent by Weight:</b>	<10	
CERCLA reportable quantity value (in pounds):		
<b>Potassium Hydroxide</b>	<b>1310-58-3</b>	<b>1,000</b>

## SECTION XVI - OTHER INFORMATION

**Date Issued:** 7/11/2016      **Supersedes:** 5/30/2014

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.