



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: 3/14/2018

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 ³		2mg/m ³

- **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

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

Routes of Entry	Dermal, Oral, and Inhalation
Symptoms	Can cause burns with prolonged exposure
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol (111-76-2): IARC Group 3 (not classifiable as a human carcinogen)
Reproductive	No information found
Target Organs	None
Aspiration Hazards	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
Dermal	9,721 mg/kg	ATE determined beyond Category 4
Oral	5,064 mg/kg	ATE determined beyond Category 4
Inhalation	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:

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

SECTION XVI - OTHER INFORMATION

Date Issued: 3/14/2018 **Supersedes:** 12/28/2017

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.