

K-KLEEN ESP

4832

SDS

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME: K-Kleen ESP

Chemical Family: Cleaner & Degreaser

Formula: Proprietary

Product #: 4832

Date of Issue: 7/25/2016

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

WARNING



Health Hazards

Skin Corrosion/Irritation
Serious eye damage/ eye irritation

Category 2
Category 2A

Hazard Statements:

- Causes skin irritation
- Causes serious eye irritation

Precautionary Statements:

- Wash hands thoroughly after handling
- Wear protective gloves/clothing/eye protection/face protection
- IF ON SKIN: wash with plenty of soap and water
- IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- If skin irritation occurs: get medical advice/attention
- If eye irritation persists: get medical advice/attention
- Take off contaminated clothing and wash before reuse

Potential Acute Effects:

- Eyes-** Causes eye irritation to eye damage, redness and dryness
- Skin-** May cause skin irritation to burns depending upon the duration of contact
- Inhalation-** May cause irritation to the nose, throat and lungs
- Ingestion-** May cause slight nausea and diarrhea

HMIS Code:

HEALTH HAZARD	2
FIRE HAZARD	0
REACTIVITY	0
SPECIFIC HAZARD	

SECTION III - COMPOSITION INFORMATION

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Sodium Hydroxide	1310-73-2	<1
Tetrasodium EDTA	64-02-8	<2
Sodium Silicate	1344-09-8	<2
Dipropylene Glycol Ether	34590-94-8	≈5

SECTION IV - FIRST AID MEASURES

Emergency First Aid Procedures:

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

Get medical attention if discomfort persists.

ON SKIN: Wash skin with water.

INHALATION: Remove person to fresh air.

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: Media applicable to surrounding fire

Special Fire Fighting Procedures: N/A

Hazardous Combustion Products: Not combustible

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Released or Spilled: All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken In Handling and Storage: Keep container tightly closed when not in use. **KEEP OUT OF THE REACH OF CHILDREN.**



CK Enterprises, Inc.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m ³	2mg/m ³	-	2mg/m ³

- **Respiratory Protection:** Not required
- **Ventilation:** Not required
- **Protective Gloves:** Rubber or neoprene gloves
- **Eye Protection:** Safety glasses or chemical splash goggles
- **Other Protective Equipment:** None
- **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:	N/A
Specific Gravity (Water = 1):	1.04-1.06
Vapor Pressure:	N/A
Vapor Density (Air = 1):	N/A
Evaporation Rate (Water = 1):	N/A
Solubility in Water:	Soluble
pH @ 100% solution:	10.0-12.5
Appearance/Odor:	Blue liquid; Characteristic odor

SECTION X - STABILITY AND REACTIVITY

Stability Data: Stable
Incompatibility: Strong oxidizers and strong acids
Hazardous Decomposition Products: N/A
Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Entry	Dermal, oral and inhalation
Symptoms	Slight irritation
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol: 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	24,540 mg/kg	ATE determined beyond Category 4
Oral	9,811 mg/kg	ATE determined beyond Category 4
Inhalation	56.6 mg/l	ATE determined beyond Category 4

SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION XIV - TRANSPORT INFORMATION

Proper Shipping Name:
D.O.T. Classification: Not Regulated
D.O.T. Placard:
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:	<5%

The following substances have CERCLA reportable quantity values (in pounds):

Sodium Hydroxide	1310-73-2	1,000
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SECTION XVI - OTHER INFORMATION

Date Issued: 7/25/2016 **Supersedes:** 8/19/2015

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.