

LIFT OFF

5000

SDS

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME: Lift Off

Chemical Family: Synthetic detergents and solvents

Formula: Proprietary

Product #: 5000

Date of Issue: 6/30/2017

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

HMIS Code:

HEALTH HAZARD	1
FIRE HAZARD	0
REACTIVITY	0
SPECIFIC HAZARD	

Potential Acute Effects:

Eyes-Causes irritation or eye damage depending on duration of contact.
Skin-Prolonged or repeated contact may cause irritation and drying of skin. Product will absorb through skin.
Inhalation-Can cause irritation to the nose and throat.
Ingestion-Nausea, vomiting, and possible damage to mucous membranes.

SECTION III - COMPOSITION INFORMATION

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
2-butoxyethanol	111-76-2	≈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. Seek medical attention if a rash occurs or if irritation continues.
INHALATION: Remove person to fresh air.
INGESTION: Do not induce vomiting. If conscious, give several large glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Flash Point (Method Used): N/A
Flammable Limits: LEL: N/A UEL:N/A
Extinguishing Media: Water, CO₂, Foam
Special Fire Fighting Procedures: Product is not combustible. Containers should be kept cool in a fire with water stream. Wear self-contained breathing apparatuses and eye protection.
Hazardous Combustion Products: CO₂ and some CO

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.



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.

Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
2-butoxyethanol (111-76-2)	50ppm	5ppm		20ppm

- **Respiratory Protection:** Use NIOSH approved respirator if threshold limits are exceeded
- **Ventilation:** Local ventilation usually adequate
- **Protective Gloves:** Rubber or neoprene gloves are recommended
- **Eye Protection:** Safety glasses or chemical splash goggles are recommended
- **Other Protective Equipment:** Boots and 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):	1.05-1.10
Vapor Pressure:	23.786 mm Hg 77°F
Vapor Density (Air = 1):	Heavier than air
Evaporation Rate (Water = 1):	N/A
Solubility in Water:	Miscible
pH @ 100% solution:	13.5-14.0
Appearance/Odor:	Blue liquid; Glycol ether odor

SECTION X - STABILITY AND REACTIVITY

Stability Data: Stable

Incompatibility: None

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Entry	Dermal, Oral, and Inhalation
Symptoms	Irritation
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol: 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	21,047mg/kg	ATE determined beyond Category 4
Oral	11,204mg/kg	ATE determined beyond Category 4
Inhalation	6.93mg/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%

SECTION XVI - OTHER INFORMATION

Date Issued: 6/30/2017 **Supersedes:** 6/23/2016

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.