

Safety Data Sheet



Suppliers Chemical
PO Box 226
Ellisville, MO 63011

Section 1. Chemical Product and Company Identification

Product Name Lift Off
Product Use General Purpose Manual Cleaner
Product Code 83548-5000
Date of Issue 5/4/21
Supersedes

Emergency Telephone Numbers
CHEMTREC- 1-800-424-9300

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

Section 2. Hazards Identification

Emergency Overview

WARNING



Health Hazards

Skin Corrosion/Irritation
Serious eye damage/ eye irritation

Category 2
Category 2A

Precautionary Statements:

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/clothing/eye protection/face protection.
P302+P252 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Hazard Statements:

H315 Causes skin irritation
H319 Can cause serious eye irritation

Routes of Entry Dermal, Oral, and Inhalation

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 Causes irritation to the nose and throat
Ingestion Nausea, vomiting, and possible damage to mucous membranes

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients
2-butoxyethanol

CAS Number
111-76-2

% by Weight
5

Section 4. First Aid Measures

Eye Contact Flush immediately with clean water for 15 minutes. Seek immediate medical attention.

Skin Contact 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 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products CO₂ and some CO

Extinguishing Media Water, CO₂ and foam

Unsuitable Extinguishing Media N/A

Fire Fighting Procedures Product is not combustible but the containers should be kept cool in a fire with water stream. Fire fighters must wear self-contained breathing apparatus and eye protection.

Section 6. Accidental Release Measures

Spill Clean Up 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 7. Handling and Storage

Handling and Storage Keep container tightly closed when not in use. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

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

Engineering Controls Local ventilation usually adequate

**Personal Protective Equipment (PPE)**

Eyes Safety glass or chemical splash goggles

Body Rubber or neoprene gloves, boots and apron

Respiratory Use NIOSH approved respirator if TLV are exceeded

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Blue	Vapor Pressure	23.786 mmHg @ 77°F
Odor	Glycol ether odor	Vapor Density	Heavier than air
Odor Threshold	N/A	Relative Density	N/A
pH	13.5-14.0	Solubility	Miscible
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	212°F	Auto-Ignition Temp.	N/A
Flash Point	N/A	Decomposition Temp.	N/A
Evaporation Rate	Undetermined	Viscosity	N/A
Flammability	N/A	Specific Gravity	1.05-1.10

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	None
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None known
Conditions to Avoid	N/A

Section 11. 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 (111-76-2): IARC Group 3 (not classifiable as a human carcinogen)
Reproductive Toxicity	No information found
Target Organs	None

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

Acute Toxicity

Test	Results	Basis
Dermal	21,047 mg/kg	ATE determined beyond Category 4
Oral	11,204 mg/kg	ATE determined beyond Category 4
Inhalation	6.93 mg/l	ATE determined beyond Category 4

Section 12. Ecological Information

Environmental Effects No ecological information found

Section 13. Disposal Considerations

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

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	Not regulated				

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: 2-butoxyethanol 111-76-2 5%

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

None

State Regulations None

Section 16. Other Information

Last Revision 02/26/2025

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.