



## SAFETY DATA SHEET

### 1. Product and company identification

Product Name Lift Off Floor Stripper  
UN/ID No. DOT (U.S.): Not Regulated

**Recommended use of the chemical and restrictions on use:**  
Recommended Use Industrial and Commercial Floor Stripper

**Supplier:** Great Western Sanitary Supply

**Manufacturer:** Allied International  
6700 Caballero Blvd, Buena Park, CA. 90620

**In case of emergency:** **FOR CHEMICAL EMERGENCY**  
Spill, Leak, Exposure or Incident  
Call **INFOTRAC** • 24-Hour Number  
**1-800-535-5053 or +1-352-323-3500 (outside USA)**

**Product type:** Mixture

### 2. Hazards identification

**Appearance:** Light Amber Liquid      **Physical State:** Liquid      **Odor:** None

#### Classification

Acute Toxicity – Oral	Category 4
Acute Toxicity – Dermal	Category 3
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3

**Signal Word:** Warning



#### Hazard Statement

H302 Harmful if swallowed  
H332 Harmful if inhaled  
H319 Causes serious eye irritation  
H315 Causes skin irritation  
Combustible liquid, heat may cause the containers to explode.  
Exposure: No information, Avoid repeated exposure

#### Precautionary Statements – Preventions

Read label before use  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep away from children

#### Precautionary Statements – Response

Immediately call a poison control center or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.  
Continue rinsing immediately call a poison control center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a poison control center or doctor/physician  
 IF SWALLOWED: Immediately call a poison control center or doctor/physician. Rinse mouth, Do not induce vomiting

**Precautionary Statements – Storage**

Store locked up. Store in a well-ventilated place. Keep container tightly closed and away from children

**Precautionary Statements –Disposal**

Disposed of contents/container in accordance with local, state, regional and national regulations

**3. Composition/information on ingredients**

<u>Name</u>	<u>CAS number</u>	<u>%</u>
2-Butoxyethanol	111-76-2	1-20%
Other components below reportable levels		

**4. First aid measures**

<b>Eye contact:</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a poison control center or doctor/physician immediately
<b>Skin contact:</b>	If on Skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention.
<b>Inhalation:</b>	If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison control center or doctor/physician.
<b>Ingestion:</b>	Immediately call a poison control center or doctor/physician. Rinse mouth. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Do NOT induce vomiting.
<b>Note to physician</b>	Treat symptomatically

**5. Fire-fighting measures**

<b>Flash point:</b>	Closed cup: > 212°F (98.9°C) none to boil (Pensky-Martens) astm #d-93 Open cup: > 212°F (98.9°C) none to boil (Cleveland) ASTM #d-92
<b>Flammability of the product:</b>	
<b>Suitable Extinguishing media:</b>	Fire and heat may dry water leaving ingredients possible to burn. Use foam, dry chemical, carbon dioxide or water fog.
<b>Unusual Fire &amp; Explosion Hazards</b>	None known
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental release measures**

<b>Personal precautions:</b>	Use personal protective equipment as required
<b>Environmental precautions:</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal considerations, for additional information
<b>Methods for cleanup and containment of material</b>	
<b>Methods of containment</b>	Prevent further leakage or spillage if safe to do so
<b>Large spill:</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
<b>Small spill:</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

**7. Handling and storage**

<b>Handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Storage</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.
<b>Incompatible Materials</b>	Strong mineral acids, Strong acids. Chemically reactive metals such as aluminum and magnesium. Dissolving product in water liberates much heat.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US OSHA Table Z-1 Limits for Air Contaminates (29 CFR 1910.1000)

Material	Type	Value
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m <sup>3</sup>

### US. ACGIH Threshold Limit Values

Material	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm

### US NIOSH: Pocket Guide to Chemical Hazard

Material	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m <sup>3</sup> 5 PPM

**Engineering Controls:** Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Emergency Showers.

### Individual-protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	Chemical anti-splash safety goggles with side shields
<b>Skin and Body Protection</b>	Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. An approved/certified respirator must be worn. Chemical respirator with organic vapor cartridge.
<b>General Hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not smoke. Keep away from food and drink.

## 9. Physical and chemical properties

<b>Physical state</b>	Liquid
<b>Boiling Point</b>	212° F (98.9°C)
<b>Color</b>	Light Amber
<b>pH</b>	10
<b>Reactivity in Water</b>	N/A
<b>Solubility in Water</b>	Complete
<b>Evaporation Rate</b> (Butylacetate=1):	Slower

## 10. Stability reactivity

<b>Stability</b>	Stable under recommended storage conditions
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur
<b>Conditions to avoid</b>	Excessive heat. Avoid direct sunlight. Avoid moisture
<b>Materials to avoid</b>	Strong mineral acids, Strong acids. Chemical reactive metals such as aluminum and magnesium. Dissolving product in water liberates much heat.
<b>Hazardous decomposition products</b>	None known based on information sheet.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Eye Contact</b>	Causes serious eye irritation
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<b>Skin Contact</b>	Causes irritation to skin
<b>Inhalation</b>	Harmful if inhaled
<b>Ingestion</b>	Harmful if swallowed

**Symptoms related to the physical, chemical and toxicological characteristics:** Headache, nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing redness, swelling and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.

**Information on toxicological effects**

**Acute toxicity** In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous systems effects. Harmful if inhaled. Harmful in contact with skin. Harmful is swallowed.

Skin corrosion/irritation:	Causes skin irritation
Serious eye damage/eye irritation:	Causes serious eye irritation

**Respiratory or skin sensitization**

<b>Respiratory sensitization</b>	Not a respiratory sensitizer
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization

**Germ cell mutagenicity** No data available in indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

**Carcinogenicity** Not classifiable as to carcinogenicity to humans

**IARC Monographs. Overall Evaluation of Carcinogenicity**

2-butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans

**OSHA Specifically Regulated Substances (29 CFR 1910.1001.1052):** Not regulated

**US. National Toxicology Program (NTP) Report on Carcinogens:** Not listed

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity- Single exposure** May cause respiratory irritation

**Specific target organ toxicity- Repeated exposure** Not classified

**Aspiration hazard** Not an aspiration hazard

**Chronic effects** May be harmful if absorbed through skin  
2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

**12. Ecological information**

**Ecotoxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

2-BUTOXYETHANOL (CAS 111-76-2)

**Aquatic**

**Product:** Fish LC50 **Species:** Inland Silverside (Menidia berylline) **Test Results:** 1250 mg/l, 96 hours

**Persistence/Degradability:** No data is available on the degradability of this product

**Bioaccumulation potential:**

Partition coefficient n-octanol / water (log Kow)  
0.83

**Mobility in soil:** No data available

**Other Adverse Effects:** The product contains volatile organic compounds which have a photochemical ozone creation potential.

**13. Disposal considerations**

**Waste disposal:** The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/state/ regional/national and international regulations

**Contaminated packaging:** Since emptied container may retain product residue, follow label warning even after container is empties. Empty container should be taken to an approved waste handling site for recycling or disposal.

**Refer to Section 7:** Handling and Storage and Section 8: Exposure Controls/Personal Protection for additional handling information and protection of employees.

**14. Transport information**

DOT (U.S.): Not Regulated

## 15. Regulatory information

### California State Regulations:

#### U.S. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## 16. Other information

HMIS	Health Hazards	Flammability	Reactivity	Personal Protection
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**Prepared by:** Technical Department

### Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet