



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

Eye contact:	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
Skin contact:	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.
Inhalation:	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.
Ingestion:	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.
Note to physician	Treat symptomatically

5. Fire-fighting measures

Flash point:	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
Flammability of the product:	
Suitable Extinguishing media:	Fire and heat may dry water leaving ingredients possible to burn. Use foam, dry chemical, carbon dioxide or water fog.
Unusual Fire & Explosion Hazards	None known
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions:	Use personal protective equipment as required
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal considerations, for additional information
Methods for cleanup and containment of material	
Methods of containment	Prevent further leakage or spillage if safe to do so
Large spill:	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.
Small spill:	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

Handling:	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.
Storage	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.
Incompatible Materials	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 ³

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 ³ 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

Eye/Face Protection	Chemical anti-splash safety goggles with side shields
Skin and Body Protection	Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	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.
General Hygiene considerations	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

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

10. Stability reactivity

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

11. Toxicological information

Information on likely routes of exposure

Eye Contact	Causes serious eye irritation
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Skin Contact	Causes irritation to skin
Inhalation	Harmful if inhaled
Ingestion	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 if swallowed.

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

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer
Skin sensitization	This product is not expected to cause skin sensitization

Germ cell mutagenicity No data available 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 licensed waste contractor. 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 contact 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 empty. 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