

MATERIAL SAFETY DATA SHEET

2-(2-Butoxyethoxy)Ethyl Acetate

MSDS Name:	2-(2-Butoxyethoxy) Ethyl Acetate
Synonyms:	Butyl carbitol acetate
Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
124-17-4	2-(2-Butoxyethoxy)ethyl acetate	99%	204-685-9

Hazard Symbols:

	XI
	
Risk Phrases:	19 36/37

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

May form explosive peroxides. Irritating to eyes and respiratory system.

Potential Health Effects

Eye:	Causes moderate eye irritation.
Skin:	Causes mild skin irritation. May be harmful if absorbed through the skin.
Ingestion:	May cause irritation of the digestive tract. May be harmful if swallowed.
Inhalation:	Causes respiratory tract irritation. May be harmful if inhaled.
Chronic:	

Section 4 - First Aid Measures

Eyes:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Get medical aid. Wash mouth out with water.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician:	Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. May form explosive peroxides.
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling:	Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Use only in a chemical fume hood.
Storage:	Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Exposure Limits	CAS# 124-17-4: Netherlands: 30 ppm STEL; 250 mg/m3 STEL Netherlands: 15 ppm MAC; 130 mg/m3 MAC

Personal Protective Equipment

Eyes:	Wear chemical splash goggles.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State:	Clear liquid
Color:	APHA: 15 max
Odor:	fruity odor
pH:	Not available
Vapor Pressure:	Not available
Viscosity:	3.6 mPa.s @20 deg C
Boiling Point:	245 deg C @760mmHg (473.00°F)
Freezing/Melting Point:	-32 deg C (-25.60°F)
Autoignition Temperature:	290 deg C (554.00 deg F)
Flash Point:	105 deg C (221.00 deg F)
Explosion Limits: Lower:	1 Vol %
Explosion Limits: Upper:	5.3 Vol %
Decomposition Temperature:	Not available
Solubility in water:	65 g/l
Specific Gravity/Density:	0.980
Molecular Formula:	C10H20O4
Molecular Weight:	204.27

Section 10 - Stability and Reactivity

Chemical Stability:	Prolonged exposure to air and sunlight may form unstable peroxides.
Conditions to Avoid:	Incompatible materials, prolonged exposure to air, direct sunlight..
Incompatibilities with Other Materials	Strong oxidizing agents, strong bases.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, peroxides.
Hazardous Polymerization	Will not occur.

Section 11 - Toxicological Information

RTECS#:	CAS# 124-17-4: KJ9275000
LD50/LC50:	RTECS: CAS# 124-17-4: Draize test, rabbit, eye: 500 mg Moderate; Inhalation, rat: LC50 = 72500 mg/m ³ /4H; Oral, mouse: LD50 = 6600 micro-litre/kg; Oral, rabbit: LD50 = 2260 mg/kg; Oral, rat: LD50 = 6500 mg/kg; Skin, rabbit: LD50 = 14500 mg/kg; .
Carcinogenicity:	2-(2-Butoxyethoxy)ethyl acetate - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Other:	See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated.	Not regulated.	Not regulated.
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: XI
Risk Phrases:
➤ R 19 May form explosive peroxides.
➤ R 36/37 Irritating to eyes and respiratory system.
Safety Phrases:
➤ S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
➤ S 39 Wear eye/face protection.

- WGK (Water Danger/Protection)
- CAS# 124-17-4: 1

Canada

- CAS# 124-17-4 is listed on Canada's DSL List

US Federal

- TSCA
- CAS# 124-17-4 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date:	July 22, 2015
----------------------------	---------------

Revision #0 Date	
-------------------------	--

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.