



MATERIAL SAFETY DATA SHEET

2-BUTOXYETHYL ACETATE)

Section 1 - Chemical Product and Company Identification

MSDS Name:	2-BUTOXYETHYL ACETATE
Synonyms:	
Company Identification:	Hazel Mercantile Limited
Company Identification: (INDIA)	701, Embassy Centre , Nariman Point , Mumbai – 400 021
For information in the INDIA, call:	+91-22-2282 4444 (50 Lines)

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
112-07-2	2-BUTOXYETHYL ACETATE, 98% (GC)	98%	203-933-3

Hazard Symbols:	XN
	
Risk Phrases:	20/21

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Harmful by inhalation and in contact with skin.

Potential Health Effects

The toxicological properties of this substance have not been fully investigated.

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 immediately.
Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.
Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.
Inhalation:	Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician:	

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing Media:	Use agent most appropriate to extinguish fire.



Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Clean up spills immediately, observing precautions in the Protective Equipment section.

Section 7 - Handling and Storage

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Storage:	Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:	
	Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Exposure Limits	
	CAS# 112-07-2
	United Kingdom, WEL - TWA: 20 ppm TWA United Kingdom, WEL - STEL: 50 ppm STEL
	Belgium - TWA: 20 ppm VLE; 133 mg/m3 VLE Belgium - STEL: 50 ppm VLE; 333 mg/m3 VLE
	France - VME: 2 ppm VME; 13.3 mg/m3 VME France - VLE: 30 ppm VLE; 199.8 mg/m3 VLE
	Germany: 20 ppm TWA; 130 mg/m3 TWA Germany: skin notation
	Netherlands: 50 ppm STEL; 333 mg/m3 STEL Netherlands: 20 ppm MAC; 135 mg/m3 MAC
	Spain: 20 ppm VLA-ED; 133 mg/m3 VLA-ED Spain: 50 ppm VLA-EC; 333 mg/m3 VLA-EC
Personal Protective Equipment	
Eyes:	Wear chemical splash goggles.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to minimize contact with skin.
Respirators:	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State:	Clear liquid
Color:	APHA: 15 max
Odor:	Not available
pH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	0 deg C (32.00°F)
Autoignition Temperature:	Not available
Flash Point:	76 deg C (168.80 deg F)
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not available
Specific Gravity/Density:	.9385 g/cm3
Molecular Formula:	C8H16O3



Molecular Weight:	160.21
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Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Strong oxidants.
Incompatibilities with Other Materials	Not available
Hazardous Decomposition Products	Irritating and toxic fumes and gases.
Hazardous Polymerization	Hazardous Polymerization

Section 11 - Toxicological Information

RTECS#:	CAS# 112-07-2: KJ8925000
LD50/LC50:	RTECS: CAS# 112-07-2: Draize test, rabbit, eye: 500 mg/24H Mild; Oral, mouse: LD50 = 3200 mg/kg; Oral, rat: LD50 = 2400 mg/kg; Skin, rabbit: LD50 = 1500 mg/kg.
Carcinogenicity:	2-BUTOXYETHYL ACETATE, 98% (GC) - ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans
Other:	See actual entry in RTECS for complete information.

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 available	Not available	Not available
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: XN
Risk Phrases:
> R 20/21 Harmful by inhalation and in contact with skin.
Safety Phrases:
> S 24 Avoid contact with skin.
WGK (Water Danger/Protection)
> CAS# 112-07-2: 1
Canada
> CAS# 112-07-2 is listed on Canada's DSL List
US Federal
> TSCA
> CAS# 112-07-2 is listed on the TSCA Inventory.



Section 16 - Other Information

MSDS Creation Date:	September 02, 2007
Revision #0 Date	

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