

**DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE****0789**  
April 2004CAS No: 124-17-4  
RTECS No: KJ92750002-(2-Butoxyethoxy)ethanol acetate  
Butyl carbitol acetate  
Diglycol monobutyl ether acetate  
DEGBEA  
 $C_{10}H_{20}O_4$   
Molecular mass: 204.3

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Combustible.	NO open flames.	Powder, alcohol-resistant foam, water spray, carbon dioxide.
<b>EXPLOSION</b>			

EXPOSURE			
<b>Inhalation</b>		Ventilation.	Fresh air, rest.
<b>Skin</b>	Redness. Dry skin.	Protective gloves.	Rinse skin with plenty of water or shower.
<b>Eyes</b>	Redness.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>		Do not eat, drink, or smoke during work.	Rinse mouth.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT let this chemical enter the environment.	

EMERGENCY RESPONSE	STORAGE
NFPA Code: H1; F1; R0	Separated from strong oxidants. Ventilation along the floor.

0789

## DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE

## IMPORTANT DATA

**Physical State; Appearance**

COLOURLESS LIQUID.

**Chemical dangers**

The substance can presumably form explosive peroxides.  
Reacts with strong oxidants.

**Occupational exposure limits**

TLV not established.  
MAK not established.

**Inhalation risk**

No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20/C.

**Effects of short-term exposure**

The substance is mildly irritating to the eyes and the skin.

**Effects of long-term or repeated exposure**

The liquid defats the skin.

## PHYSICAL PROPERTIES

Boiling point: 245-247/C

Melting point: -32/C

Relative density (water = 1): 0.98

Solubility in water, g/100 ml at 20/C: 6.5

Vapour pressure, Pa at 20/C: 5.3

Relative vapour density (air = 1): 7.0

Relative density of the vapour/air-mixture at 20/C (air = 1): 1.00

Flash point: 105/C c.c

Auto-ignition temperature: 290/C

Explosive limits, vol% in air: 0.6-10.7

Octanol/water partition coefficient as log Pow: 2.9

## ENVIRONMENTAL DATA

The substance is harmful to aquatic organisms.

## NOTES

Ektasolve DB acetate is a trade name.

In addition see ICSC 0788 Diethylene glycol monobutyl ether.

Check for peroxides prior to distillation; eliminate if found.

## ADDITIONAL INFORMATION

## LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible