

CAS No: 2210-79-9
 RTECS No: TZ3700000
 EC No: 603-056-00-X

1,2-Epoxy-3-(o-tolyloxy)propane
 Glycidyl 2-methylphenyl ether
 2,3-Epoxy-o-tolyl ether
 ((2-Methylphenoxy)methyl)oxirane
 $C_{10}H_{12}O_2$
 Molecular mass: 164.2

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Water spray, foam, powder, carbon dioxide.
EXPLOSION			
EXPOSURE		AVOID ALL CONTACT!	
Inhalation	Cough. Sore throat.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest.
Skin	Redness. Pain.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Eyes	Redness.	Safety goggles or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion		Do not eat, drink, or smoke during work.	Rinse mouth.

SPILLAGE DISPOSAL

Personal protection: P2 filter respirator for harmful particles. Collect leaking liquid in covered containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place.

PACKAGING & LABELLING

Xn Symbol
 N Symbol
 R: 38-43-68-51/53
 S: (2-)36/37-61
 Note: C

EMERGENCY RESPONSE**SAFE STORAGE**

Separated from strong oxidants, strong bases, strong acids and amines. Cool. Keep in the dark.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS LIQUID

Chemical dangers

The substance can presumably form explosive peroxides. Reacts with acids, amines, bases and 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 irritating to the skin and is mildly irritating to the eyes and the respiratory tract.

Effects of long-term or repeated exposure

Repeated or prolonged contact may cause skin sensitization.

PHYSICAL PROPERTIES

Boiling point at 0.533 kPa: 109-111/C

Relative density (water = 1): 1.08

Solubility in water: none

Relative vapour density (air = 1): 5.7

Flash point: 113/C c.c.

ENVIRONMENTAL DATA

NOTES

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 for the use which might be made of this information