



GENERAL DATA SHEET

## Triethanolamine (TEA)

• **Formula:**

C<sub>6</sub>H<sub>15</sub>NO<sub>3</sub> also named TEOA.

• **TOXICOLOGICAL INFORMATION:**

Acute oral LD50: > 5000 mg/kg      Tested on Rat  
Acute dermal LD50: > 2000 mg/kg      Tested on Rabbit

• **Physical Data:**

Item	Date
Appearance and Odor	Colorless-yellow liquid with an amine-like odor
PH @ 15 g/l, 20°C	10.5
Sulub. in Water Solub	Miscible
Sulub. in Other	Alcol-chloroform
Boiling Point °C	277
Viscosity @ 25°C, mPa.s	600
Melting Point °C	21
Molecular Weight	149
Spec. Grav. @25°C, 5/cm <sup>3</sup>	1.120-1.127

• **ECOLOGICAL INFORMATION:**

- **BIODEGRADABILITY:**

ANALYSIS	METHOD	
96% DOC Reduction	OECD 301E/ EEC 84/	449, C.3



- AQUATIC TOXICITY:

LC50: 10000 mg/l	TIME: 96 hrs	SPECIES: Leuciscus idus
LC50: 1390 mg/l	TIME: 24 hrs	SPECIES: Daphnae
LC50: 750 mg/l	TIME: 48 hrs	SPECIES: Algae

- INHIBITION OF BACTERIA IN EFFLUENT:

None, if properly introduced into acclimated Biological treatment facility.

No effect: — ; 50% inhibition: (16hr)>10000 mg/l.

• HAZARDS CLASSIFICATION:

SHIPPING NAME	AMINES, LIQUID, CORROSIVE, N.O.S.
HAZARD CLASS	None
UN/NA NUMBER	None
PACKING GROUP	None
SUBSIDIARY HAZARD	