

Diethyl Amino Ethanol (DEAE)

Specifications

CAS NO.

CAS NO.	100-37-8
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NATURE

NATURE	It is a Clear, Colorless Liquid
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PHYSICAL PROPERTIES

Structural formula	C ₆ H ₁₅ NO
Molecular Wt.	117.19
Specific Gravity at 20/20 °C	0.88
Boiling Point	163 °C
Freezing Point	-70 °C
Solubility in Water	Soluble
Flash Point	60 °C
Odor	Ammoniacal Odor

SPECIFICATIONS

Purity	99.0 % MIN.
Purity min. (wt. %) by GC	00.2 % MAX
Other Impurities	00.4 % MAX
Colour(APHA)	30 MAX

MSDS

EFFECTS

- | | |
|---------------|--|
| 1. INHALATION | <ul style="list-style-type: none">Remove to fresh air.If not breathing is difficult, give oxygen. Call a physician immediately |
| 2. INGESTION | <ul style="list-style-type: none">DO NOT INDUCE VOMITING . Give large quantites |

of water . Never give anything by mouth to an unconscious person. Call a Physician Immediately

3. SKIN CONTACT

- Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse

4. EYECONTACT

- Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately reuse

FIRE FIGHTING MEASURES

- In the event of a fire , wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode

Applications

Use in the boiler chemical systems to prevent carbonic acid and corrosion in return lines.

Use in carbonic production as an inert ingredient in pesticide formulations.

Use as an intermediate for manufacturing cosmetics, textile finishing agents, fabric softeners and dyes, drugs and pharmaceuticals and fatty acid.

Use in antitrust compositions and acts as a curing agent for resins.

STORAGE & HANDLING: Protect against physical damage. Store in a cool, dry well ventilated location. Clean carbon steel is satisfactory as a material of construction for storage tanks and transfer systems, provided adequate precautions are observed to guard against rust contamination. Eliminate all sources of ignition in case of spills and leaks.

PACKING: 190 Kgs. Net. Wt. in HM HOPE Drums

IMDG CLASS: N.A.

PACKING GROUP: N.A.

UN No.: N.A.