# Triethylene glycol (TEG) ❖

| Characteristic | Test Method | Unit | Value |
|---|---|---|---|
| PURITY | ASTM E -202 | WT.% | 97 MIN. |
| DEG CONTENT | ASTM E -202 | WT.% | 2 MAX. |
| TEG CONTENT (T.TEG) | ASTM E -202 | WT.% | 1 MAX. |
| WATER | ASTM E -203 | WT.% | 0.05 MAX. |
| COLOR | ASTM D -1209 | Pt-Co | 25 MAX. |
| ACIDITY AS ACETIC ACID | ASTM D -1613 | WT.% | 0.01 MAX. |
| ASH | DC-254/A | WT.% | 0.005 MAX. |
| SP. GR (20/20 °C) | ASTM D- 891 | - | 1.124 - 1.126 |
| DISTILLATION @ 760 MM-Hg | | | |
| 5-95 VOL % RANGE | ASTM D-1078 | °C | 280-295 |

❖ Not exportable.

TRIETHYLENEGLYCOL obtained from the reaction of ethylene oxide and DEG. It is a clear, transparent and odorless liquid that can be mixed with water in any proportion.

## o Application areas :

- **Resins :**

TRIETHYLENEGLYCOL is used as a synthesizing agent for alkyd resins as well as saturated and unsaturated polyester.

- **Synthesizing agents :**

TRIETHYLENEGLYCOL can be used as synthesis intermediates.
TRIETHYLENEGLYCOL esters with fatty acids (oleic, stearic, lauric, etc.) are used as emulsifiers and plasticizers of polymers.

- **Brake fluids :**

TRIETHYLENEGLYCOL can be used as secondary solvent in brake fluid formulations. This product is also used to avoid the excessive swelling of rubber in the hydraulic system.

## o Storage conditions :

Under nitrogen blanket and at ambient temperature.

## o Packing :

Bulk or in 220 Lit (net: 220 Kg) new drums, each 4 drums strapped on a pallet.



Email: sales@nnschemicals.com - Help line: +923 214 214 315
www.nnschemicals.com