
Technical Information

March 2008
Supersedes issue dated September 2007

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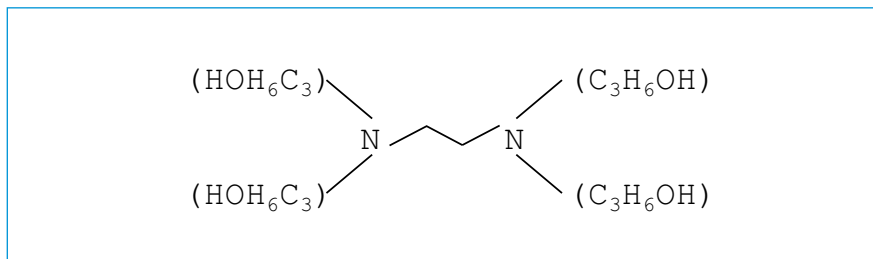
® = Registered trademark of BASF
in many countries.

Neutrol® TE

Neutralizing agent for cosmetics raw materials

Chemical nature

N,N,N',N'-Tetrakis (2-hydroxypropyl) ethylenediamine

Structure**Molecular weight**

M = 292.4 g/mol

INCI name

Tetrahydroxypropyl Ethylenediamine

CAS-No.

102-60-3

EINECS-No.

203-041-4

PRD-No.

30035126

Appearance

clear, viscous liquid

Odor

almost odorless

Solubility

At room temperature clear soluble in water, alcohol and propylene glycol. It forms dull dispersions in mineral oils.

Specifications

See separate document: "Standard Specification (not for regulatory purposes)" available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Application

Neutrol TE is an eminently suitable neutralizing agent for carbomer resins, e.g. in the production of gels.

Gels formulated with Neutrol TE feature high alcohol compatibility and stimulate a pleasant, nonsticky sensation on the skin.

Other applications for Neutrol TE in the cosmetics field are the manufacture of soap, the production of stearate cremes, and the neutralization of sunscreens that contain acid groups, e. g. Uvinul[®] MS 40. It has been demonstrated that the tendency of Neutrol TE to form nitrosamines is extremely slight if it is substituted for other bases that contain amines.

Stability/Storage

If it is kept in tightly closed containers at room temperature the product has a shelf life of two years.

Safety Data Sheet

A Safety Data Sheet is available.

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