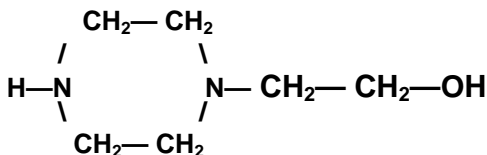




Hydroxyethyl Piperazine – HEP-98



Molecular Weight	130.2
CAS Reg. No.	103-76-4
EINECS No.	203-142-3

Synonyms

Piperazineethanol
N-(2-Hydroxyethyl)-piperazine
2-(1-Piperazinyl)-ethanol

Specification

Appearance	clear liquid
Assay	min. 98.0% (GLC)
Water	max. 0.3% (KF titr.)
Color	max. 30 Hazen (Comparator)

Test methods are available upon request.

Typical Properties

Melting Point	-21°C
Boiling Point	246°C
Specific Gravity 20/20	1060
Viscosity	1000 mPa·s at 20°C
Flash Point	126°C (Open Cup)
Refract. Index, n_D^{20}	1.507
Vapor Pressure	0.7 Pa at 20°C
Odor	mildly ammoniacal

Solubility

water	miscible, hygroscopic
ethanol	miscible
acetone	miscible
ether	partially miscible
benzene	miscible
hexane	immiscible

Corrodes copper and its alloys. Reacts violently with acids and chlorinated hydrocarbons. Absorbs carbon dioxide from air.

Applications

Intermediate in the manufacture of polyurethane catalysts, corrosion inhibitors, surfactants, synthetic fibers, pharmaceuticals, etc.

Packaging

Delivered in polyethylene-lined drums containing 200 kg net.

2009-01