



# PROTOCOL<sup>®</sup> MEG-80

## NATURAL GAS JT STRIPPING PLANTS

### Product Description

PROTOCOL MEG-80 is a premixed blend of 80% industrial grade ethylene glycol, a complex corrosion inhibitor package, and deionized water. MEG-80 is formulated for natural gas Joule-Thompson (JT) stripping plants and provides freeze point depression to -50°F, and burst protection to <-100°F.

MEG-80 contains a blend of organic and inorganic corrosion inhibitors designed to buffer the glycol, passivate liquid-phase metal surfaces, increase reserve alkalinity and stabilize the pH to ensure system metals are protected from the corrosive effects of organic acids and corrosive ions.

MEG-80 has little to no negative effect on seals, elastomers, or other materials of construction typically found in natural gas processing equipment.

PROTOCOL brand heat transfer fluids are blended as concentrate or pre-mixed with deionized water to meet critical performance specifications. All products are available in sizes from 5-gallon pails to bulk tanker quantities and come backed by a comprehensive glycol analysis program to ensure years of trouble-free service.





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### Technical Data

#### Typical\* Composition: MEG-80, v%

Ethylene Glycol	≥ 79
Inhibitors & DiH <sub>2</sub> O	≥ 20
Color	Bright Pink
Specific Gravity	~ 1.095 - 1.135
pH, 80% solution	~ 8.5 - 10.5
Reserve Alkalinity, 100%	~ 5.0 (min)

#### Typical\* Properties: MEG-80, v%

BP @ 760 mm Hg (50%)	~ 250°F
Flash Point (<90%)	None
VP mm Hg (50% @ 68°F)	~ 11
Thermal Conductivity (50% @ 68°F)	~ 0.19
Specific Heat (50% @ 68°F)	~ 0.65
Viscosity (50% @ 68°F)	~ 5.50

#### Typical\* Contact Temperature (solutions) v%

Volume %	Weight %	Frost Point (°F)
50	53	-40
60	63	-41
70	73	-44
80	83	-48

\*Typical Properties, not to be construed as specifications.