

# Ultra TEG Dehy Fluid

Premium Natural Gas Dehydration Glycol



## Product Features

- Increases dehydrator upper operating temperature by up to 10°C compared to a conventional TEG dehydrator
- Increasing the operating temperature shifts the water equilibrium curve enhancing water removal performance by approximately 5%
- Contains viscosity modifying agents to prevent thickening of fluid during periods of downtime also helps with cold temperature startups.
- Provides corrosion protection for dehydrator internals including steel and cast iron

## Description

Ultra TEG Dehy Fluid contains an advanced formula with a multi component additive system. It contains antifoam as well as viscosity modifying agents to reduce losses and prevent thickening of fluid during cold weather down time. Ultra TEG also outperforms conventional Triethylene Glycol (TEG) as a water removal agent by allowing producers to increasing the upper operating temperature by up to 10°C. This increase in operating temperature increases the glycol's capacity for water removal.

When TEG is used as a water removal agent in natural gas dehydration systems, it will thermally and oxidatively degrade over time to form corrosive glycolic acids, gummy tars and fouling coke deposits. Ultra TEG Dehy Fluid will both extend the upper temperature limit at which TEG can be used and retard the formation of glycolic acids, tars and carbonaceous coke to prolong fluid life, reduce filter change outs, prevent pump failure, and reduce solid build up in tower trays.

## Applications

- Premium dehydration fluid for use in natural gas dehydrators
- No adjustment to boiler temperature or circulation rates required
- Can be used for new fills or used as top up in conventional TEG systems
- Natural gas line heaters

## Full Compatibility

Every dehydrator system in your field can benefit from the performance and protection of Ultra TEG Dehy Fluid. It is fully compatible with any conventional TEG system. This product can be used for new fills or for top up on an existing system.

## Typical Product Specifications

Specific Gravity	1.110 – 1.145 (@ 21°C)
pH	8.0 – 11.0
Reserve Alkalinity	10.0 mL min.
Nitrite	2400 ppm min.



1451 Highway Ave SE Redcliff, AB  
Phone: (403) 528-4220  
Fax: (403) 528-9010  
[www.genesischemicals.com](http://www.genesischemicals.com)

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