

Hydrogen Sulfide Scavenger-15

INCI Name: 1,3,5-Tris(2-hydroxyethyl) hexahydro-s-triazine, Methanol, Water

CAS Numbers: 4719-04-4, 67-56-1, 7732-18-5



Description:

Hydrogen Sulfide Scavenger-15 is a 60% active triazine hydrogen sulfide scavenger that is effective in removing hydrogen sulfide (H₂S). The process of removing H₂S, by either iron sponge H₂S scrubbers (forming iron sulfide) or chemical scavengers, is known as gas sweetening. Hydrogen sulfide scavengers are appropriate for use at the low H₂S concentrations where conventional chemical absorption and physical solvents are not always economical.

Technical Data:

Method	Results
Active Product wt%	62%
Formaldehyde wt% (range)	25.32
Methanol wt% (range)	0.150
MEA wt%	52.08
Specific Gravity @ 25/25 °C	1.2367
Refractive Index (RI)	1.4461
pH @ 25°C	10.21
Acidity (wt% Formic Acid)	0.0291
Iron	0.029
Color	Water white to Yellow
Appearance	Clear
Temperature range °F(°C)	30.0

Applications:

Hydrogen Sulfide Scavenger-15 can be applied via pipeline/downhole continuous injection using an atomizer, or applied via a "Bubble Tower" contactor. Hydrogen Sulfide Scavenger-15 can provide successful treatment in a wide range of applications including H₂S removal from gas streams, H₂S removal from sour hydrocarbon liquids (condensate and NGL streams) and H₂S reduction in sour liquid tank vapor spaces.



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