

NovAbsorb S

NovAbsorb S is a polyethylene glycol dimethyl ether designed as an extraction solvent and absorption liquid for sour gas removal from natural gas streams. The most common use is in the Selexol® process to remove sulfur containing compounds including H₂S, and CO₂ from natural gas. The Crude gas is passed through an absorption column containing NovAbsorb S and the acid gas components are absorbed while the clean natural gas is recovered. The NovAbsorb S solution containing the H₂S, CO₂ and other contaminants is sent to a desorber column where the acid gas components are removed and the NovAbsorb S is returned to the absorber for reuse.

Product Specifications

Color and Form:	Clear light yellow liquid
Color (Gardner):	6 max
Water	< 1%

Typical Properties

Boiling Point (760 mmHg):	>608°F
Flash Point, TOC:	304°F
Solubility in water:	Infinite
Specific Gravity @ 20°C:	1.03
Viscosity @ 20°C:	12 cp
Vapor Pressure @ 20°C:	< 0.01 mmHg

Packaging and Shipping

NovAbsorb S is available in bulk or 55 gallon drums (445 lbs. net weight each)

*NovAbsorb S is sold without expressed or implied warranty.
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