

PRO-506 H₂S Scavenger

PRO-506 is a water soluble H₂S Scavenger.

Production Information

Hydrogen sulphide (or H₂S gas) is a natural and potentially fatal substance withdrawn from the earth. It's most commonly found wherever water, natural gas, natural crude is produced and as a result can be found in down hole production wells, flow lines, separators, disposal wells and in production pipelines. It's very important to be aware when H₂S is around. In order to process and sell H₂S gas, in most cases, the production must be "sweetened" to meet certain specs before the gas can be transported, stored and eventually sold. H₂S scavenger is a product designed to help "sweeten" production wherever production containing concentrations of H₂S and H₂S scavenger meet.

Product Use Information

ProChem's PRO-506 is a triazine based H₂S Scavenger that can be used in bubble & adsorption towers along with continuous injection into pipeline gathering system to remove H₂S in gas and sour fluids.

Physical Properties

Density,	0.95 – 1.01
Form,	Liquid
pH,	9 -10
Appearance,	Clear to light yellow
Solubility,	
	Fresh Water – Soluble
	Oilfield Brine – Soluble
	Methanol – Soluble
	Aromatic Solvent – Insoluble

Material Compatibility Information

Metals: 316 Stainless steel

Plastic: HD polyethylene
HD polypropylene
Teflon

Elastomers: Polytetrafluoroethylene [Teflon]
Viton

Application Information

Treatment rates for PRO-506 depend on gas makeup and product application setup. Typical treatment rates for PRO-506 are as follows.

Fluids

$0.0015 \times [\text{ppm H}_2\text{S}] \times [\text{m}^3 \text{ fluid}] = \text{liters of PRO-506}$

Gas

$0.0135 \times [\text{ppm H}_2\text{S}] \times [\text{E}^3\text{m}^3 \text{ gas}] = \text{liters of PRO-506}$