

Technical Data Sheet

IceGone

Kinetic and Antiagglomerant Gas Hydrate Inhibitor

Product Description

Gas hydrates form when water molecules weakly bonded to gas molecules are enclosing a gas molecule inside clathrate cages. The trapped gases, called guest molecules are light hydrocarbons, nitrogen, carbon dioxide and hydrogen sulfide, common gases encountered in natural gas operations. Gas hydrate solid deposits can form at any place where water coexists with natural gas at increased pressure. New gas wells, flowlines and pipelines are particularly susceptible to being blocked by hydrates.

IceGone is a unique concentrated mixture of oligomers preventing solid hydrates build up at pressure/temperature condition favoring hydrates formation. The product can be effective at condition exceeding 20°C (36°F) ΔT subcooling temperature.

Application

Treatment rates are variable and depend upon temperature, pressure, flow rate and water content of the system. IceGone should be diluted with alcohol or glycol to concentration between 20% and 5%. For practical purposes when treatment with IceGone is replacing methanol or glycol type hydrate inhibitor and existing tanks and pump re utilized, 5% solution is recommended. The 5% methanol solution is usually sufficient to treat the system at 20% of effective methanol rate.

Initially, the inhibitor solution should be pumped at methanol rate for 24 hours to saturate the system and thereafter the rate should be gradually lowered to desired cost-effective rate.

Typical Physical Properties

Property	Neat	20% in MeOH	10% in MeOH	5% in MeOH
Density at 70°F(21°C) g/cm ³	1.1	0.86	0.83	0.81
Viscosity, cP	250-350	~2	~1	~1
Pour point	<-10°C (14°F)	<-42°F,C	<-42°F,C	<-42°F,C
pH, 10% H ₂ O	10-11	10-11	10-11	10-11
Solubility	Water, brine	Water, brine	Water, brine	Water, brine

Packaging

IceGone is available in 55 gallons drums, 275 or 330 gallon totes.

Handling

Please refer to the Safety Data Sheet for further handling information.



8115 Loop 540, Beasley, TX 77417
Toll Free: 1-855-FINORIC (1-855-346-6742)
Email: info@finoric.com • www.finoric.com

Availability

Global from Houston, TX-USA and Midland, TX-USA