

## TECHNICAL DATA SHEET

VIRA BASPAR BARTAR Company

Address: 2nd floor, No.24, 5th Razmandegan Alley, Razmandegan St., Shahrood, Iran.

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# VIRA HY-INHI 1318



*Low Dose Hydrate Inhibitor*

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## PRODUCT DESCRIPTION

VIRA HY-INHI 1318 interferes with hydrate crystal growth or nucleation by embedding themselves into the lattice structure, delaying significant growth for longer than the fluid's residence time. It prevents the agglomeration of hydrate crystals into large masses by dispersing water droplets within the condensate or oil phase. It has low emulsification tendency with certain corrosion inhibition effects.

## PRODUCT APPLICATION

VIRA HY-INHI 1318 is an operative Low Dose Hydrate Inhibitor to be used in gas pipelines. These product gives brilliant protection from formation of hydrate. These are efficient LDHI that resist challenges of hydrate formation in the gas field. VIRA HY-INHI 1318 is a proven chemical to control hydrates in numerous applications.

## PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Milky pale yellow Color
Solubility in water	Slightly Dispersible
Solubility in Condensate	Soluble
Specific gravity	0.80 to 1.10 gr/cm <sup>3</sup>
pH (2 % water)	5.0-8.5



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### **DOSAGE AND FEEDING**

Injection dosage of VIRA HY-INHI 1318 depends on the sub cooling temperature and amount of water production. VIRA HY-INHI 1318 should be applied on a continuous basis into the flowing gas, upstream of the hydrate forming region. It can be applied at 0.5% to 3% based on water production. Consult your VIRA sales engineer for complete dosage and feeding recommendations.

### **STORAGE:**

Store VIRA HY-INHI 1318 in a cool dry ventilation area away from direct sunlight and heat to avoid deterioration. Store away from heat and sources of ignition. Connections must be grounded to avoid electrical charges. Avoid temperatures above 50°C. The active ingredient decomposes at elevated temperatures with generation of gas which can cause pressure buildup in closed systems. Store separately from oxidizers. Store in suitable labeled containers. Incorrect storage may lead to the deterioration of the material to an impure, unsafe or explosive condition.

### **SAFETY AND HANDLING**

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Avoid release of vapors or mists into workplace air. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Refer to the Material Safety Data Sheet (MSDS) for the most current data.

### **PACKING**

VIRA HY-INHI 1318 is available in Barrels.

Revision Date: 01/04/2018

