

TECHNICAL DATA SHEET

VIRA BASPAR BARTAR Company

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

Telephone: (+98)23-32228684

VIRA AS-9031



SCALE INHIBITOR

PRODUCT DESCRIPTION

VIRA AS-9031 is a poly-organophosphoric scale inhibitor. It shows excellent scale inhibition effects in water injection and water treatment systems. VIRA AS-9031 has good chemical stability and it is hard to be hydrolyzed in water system, and hard to be decomposed under ordinary light and heat conditions. VIRA AS-9031 has good antiscale and visible threshold effects. When built together with other water treatment chemicals, it shows good synergistic effects. VIRA AS-9031 provides brilliant protection from calcium carbonate, calcium sulfate, barium sulfate and strontium sulfate types of scale deposition in Oil/Gas operation and water treatment systems.

PRODUCT APPLICATION

VIRA AS-9031 is used as scale inhibition in water treatment system, oil field and low-pressure boilers. Usually, it is an operative scale inhibitor to be used in oilfield industrial.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless to Pale Yellow liquid
Solubility	Water soluble
Specific gravity	1.15 to 1.40 gr/cm ³
pH	≤ 5
Odor	Perceptible



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DOSAGE AND FEEDING

Injection dosage of VIRA AS-9031 depends on the type of industrial system to be protected and the harshness of water in the system. The Injection dosage are commonly from 1 to 20 ppm in continuous treatment. Consult your VIRA sales engineer for complete dosage and feeding recommendations.

STORAGE:

Store VIRA AS-9031 in a cool, dry well-ventilated area. Keep containers closed when not in use. Keep containers isolated from incompatible materials/conditions such as heat and ignition sources. Protect against physical damage and check regularly for leaks. Do not store with oxidizing agents, alkalis, or caustic substances. Avoid temperatures above 80°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. Use appropriate personal protective equipment. Handle in a well-ventilated area. Handle in a manner consistent with good industrial/manufacturing techniques and practices. Wash hands thoroughly with soap and water after use. Remove contaminated clothing and protective equipment before entering eating areas. Qualified materials: glass, PVC, polypropylene, polyethylene. Refer to the Material Safety Data Sheet (MSDS) for the most current data.

PACKING

VIRA AS-9031 is available in Barrels.

Revision Date: 01/02/2017

