



DATA SHEET

PROPERTIES AND MODE OF ACTION

ALOEFRICRED PLUS™ is a product based on refined extracts of aloe, aloe medium and long chain polysaccharides, which reduces the friction pressure between the fluid and the surface of the pipe transporting it, thus improving fluid flow.

ALOEFRICRED PLUS™ has been formulated to reduce friction, but adds the functions of scale inhibitor and biocide supplementation, thanks to the bactericidal functions of the anthraquinone compounds 9, 10.

ALOEFRICRED PLUS™ is a plant-based extract, is biodegradable, has no chemicals, toxic components or heavy metals, and it comes from a plant that is a renewable material.

ALOEFRICRED PLUS™ is a totally natural, sustainable and biodegradable product formulated with polysaccharides, amino acids and anthraquinones obtained from natural polymers - aloe, cactus mucilage and cassava - for use as a friction reducer in various processes in the oil and gas industry.

The product offers various properties

- Reduces the friction pressure between the fluid and the surface of the duct that transports it.
- Improves fluid flow.
- Increase performance in fluid transport.
- The molecules of its natural polymers increase the flow capacity.
- Its viscosity ensures rapid fluidity of the oil, and reduces energy consumption.
- The aloe compounds create a protective film against scale of calcium carbonate, calcium sulfate and barium sulfate.
- Anthraquinones provide biocidal function.
- Provides thermal stability in high temperature environments such as deserts and tropical areas or cold climates.
- Biological product with 99.8% of material of natural origin and from renewable resources
- Reduces the environmental impact of industry operations.

ALOEFRICRED PLUS™

MANUFACTURER

Made in Mexico for Aloetrade America LLC.

COMPOSITION

Proprietary formula based on extracts of aloe (Aloe Barbadensis Miller and Aloe Chinensis), cactus mucilage, cassava and other extracts and natural polymers, thickeners, preservatives and acidulant.

PHYSICOCHEMICAL CHARACTERISTICS

Appearance and color: clear amber liquid gel.

Odor: characteristic vegetable.

PH: 3.6 / 4.6 - Flash point: N / A.

Relative density: 1,005 to 1,030

Solubility in water: complete.

TOXICITY

- Non-toxic product.
- It is not polluting for humans, nor for plant, animal or aquatic world species.
- Product does not affect aquifers, rivers, streams, reservoirs or water tanks.
- It is biodegradable according to OECD 301.
- Does not generate bioaccumulation.

INSTRUCTIONS FOR USE

- The product is stable and can be applied with pumping equipment from 20 to 9,500 L / day
- Must be applied like any other friction reducer

RECOMMENDED DOSE

The dose depends on the type of crude oil and production well. Doses are usually on average 400 to 1000 PPM. In hydraulic fracture, dosage depends on the formation characteristics. Please consult our Technical Dept.

STORAGE AND TRANSPORTATION CONDITIONS

Keep the product in a cool and dry place, away from heat sources, direct fire or sources of ignition. DO NOT EXPOSE TO DIRECT SUN. Recommended storage temperature: 20° C. PRODUCT PRESENTATION: 20 L jerrycan. - 200 L drum. - Tote of 1,000 L.