



ORGANO ZYME

UNIQUE PRODUCT DISSOLVING BOTH ORGANIC AND INORGANIC COMPOUNDS

DESCRIPTION

ORGANO ZYME is a near-neutral pH enzymatic and organic cleaner used to dissolve both organic polymer and inorganic scale in oil and gas well applications.

ORGANO ZYME is composed of a heat-stable alpha-amylase capable of digesting and hydrolyzing starch and polymer (i.e. Xanthan Gum).

ORGANO ZYME contains also an encapsulated organic compound that generates an organic acid capable of dissolving the inorganics (i.e. CaCO_3).

The organic acid generated at near-neutral pH levels does not harm the activity of enzyme-digesting the polymer. **ORGANO ZYME** contains also a heat-stable enzyme which is able to digest the polymer at high temperatures $\sim 90^\circ\text{C}$.

APPLICATION

For petroleum wells: **ORGANO ZYME** is a concentrated product of enzymes and organic compounds; however, please refer to atomes technical support team for ideal concentrations to be applied.

PROPERTIES

Appearance: yellowish to brownish liquid

Odor : Mild

pH (1% solution): 5.50 ± 1.50

PRECAUTIONS

Do not take internally. If ingested, give 3-4 glasses water to drink and seek medical attention. **DO NOT INDUCE VOMITING.** If product comes in contact with eyes, flush for at least 15 minutes with a large amount of water. If irritation persists, consult a physician.