



PRODUCT DATASHEET



PetroLuxus™ PE (Paraffin Eliminator)

Background

PetroLuxus™ PE is part of the PetroLuxus™ Family product line derived from the PetroLuxus™ Technology Platform distributed and serviced by Ascension Technologies, Inc. The bulk of the PetroLuxus™ Family of products are inorganic, Environmentally-friendly compounds designed specifically for the Oil & Gas Industry. PetroLuxus™ PE is the first to involve organic science to develop a solution of well fouling by excessive paraffin build up. PetroLuxus™ chemistries are Monomeric Neo-silicates, the “bully” or the most reactive of silicate species.

Description:

PetroLuxus™ PE consists of a methyl ester derived from “lenoleic acid” found in soybean oils and propionic acid. The problem of high paraffin content crude oils presents problems for the oilfield such as plugged pipes, pump problems, and valve failures. The problem is centered on the fact that at lowered temperatures high paraffinic crude begins to solidify and is extremely difficult to move through piping and even affect the flow of crude within the formation at the well bottom. In the past many solvents have been used with varying results, most of these solvent based paraffin products are petroleum based or surfactant/detergent based. PetroLuxus™ PE is a non-petroleum derivative of soybean oil. The PE is not only biodegradable and non-toxic, but has a BTU value near that of #2 diesel fuel and will not have any negative effect on the quality of the crude with the exception of increasing its API value. Furthermore PetroLuxus™ PE has a flash point above 150 degrees Fahrenheit so that handling is less hazardous.

Applications:

- Near well bore clean up
- Soil Remediation

Benefits:

- Improved Well Production
- Improved Fluid Entry
- Reduced Downtime
- Reduced Maintenance Costs
- Reduced Paraffin & Asphaltene Choke Off
- Reduced Corrosion & Scaling
- Reduced Valve failures
- Reduced Pump problems
- Reduced Pipe plugging

Typical Concentration

Carrier: None

Typical concentrations of PetroLuxus™ PE is 100% of total fluid volume injected.

Environmental Statement

PetroLuxus™ PE products are organic compounds but contain no toxic metals, or their salts. The environmental fate of PetroLuxus™ PE is soy based and therefore, the same material as found in common vegetation. The chemistries of PetroLuxus™ pose no threat of persistence in the environment, no bio-concentration, nor toxicity when used at the recommended concentrations.

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