

PDI-300E Encapsulated Paraffin Control

Delayed Paraffin Inhibitor/Dispersant

Description

PDI-300E is a solid encapsulated paraffin dispersant/inhibitor product designed to prevent and remove solid paraffin formation in subterranean formations when applied via frac or acidizing operations. PDI-300E is a blend of aromatic, aliphatic and naphthenic hydrocarbons combined from a unique distillation method and encapsulated inside a porous spheroidal silica aggregate. These encapsulated chemical agents are effective in preventing and removing paraffin deposits *in-situ* by utilizing a unique penetrating compound which, coupled with dissolving, dispersing and crystal-modifying agents, results in an extremely effective paraffin treatment.

Properties

Physical State:	Solid	Solubility:	Oil
Color:	Light Brown	Charge:	Nonionic
Odor:	Aromatic Solvent	Flash Point:	77°F
Specific Gravity:	0.8595	Shelf Life:	6 Months
Chemical Type:	Aromatic solvent		

Application

PDI-300E is designed for subterranean use in acid and fracturing operations. For frac, PDI-300E should be added continuously on the fly during sand stages. Recommended use rate can range from 150 to 300 lbs/stage depending on the particular application and paraffin control desired.

When acidizing a formation that has a history of severe paraffin accumulation, treating levels of PDI-300E from 15-30lbs/Mgal of acid are recommended to achieve maximum results.

Compatibility

PDI-300E is hydrocarbon based. There is no compatibility issue with produced water in the system.

Handling

PDI-300E is a flammable solid. Keep away from heat, sparks, open flames and any ignition source. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

PDI-300E is available in 30 lb containers and Supersacks.