



SAFDEPAR™

Non-Hazardous Paraffin Dispersant

DOMINION ENERGY SERVICES

PRODUCT SUMMARY:

SAFDEPAR is an Environmentally Safe, Non-Hazardous Paraffin Dispersant that prevents Paraffin Formation in Downhole Tubulars, Surface Flow Lines and Treating Equipment.

PHYSICAL PROPERTIES:

Specific Gravity: 1.19
Appearance: Yellow Liquid
pH: 7.4 - 7.6
Freezing Point: <5°F
Shelf Life: 1 year

RECOMMENDED TREATMENT:

SAFDEPAR is a versatile product for Paraffin removal and for preventing Paraffin formation.

STORAGE TANKS:

SAFDEPAR can be used to treat Paraffin deposits in tank batteries. Typical dosages are from 1,000-2,500 ppm while circulating the product in the tank. SAFDEPAR will re-disperse Paraffin into the crude oil to make a sellable product and eliminates the need for hot oil treatments.

INJECTION PUMPS:

These can be pumps that treat at the wellhead or supply to lines that deliver chemical to the bottom of the producing well. Typical dosages are from 250-500 ppm based on the hydrocarbon volume and will prevent the deposition of Paraffin on the downhole tubulars and/or the surface lines.

STIMULATION SQUEEZE:

Spot 1 drum (55 gal) of SAFDEPAR at the bottom of the well and bullhead into the formation by pumping 10-20 bbl of well produced crude behind it. Shut in the well for 18 hours, then resume production. As the well produces, residual product will treat the surface lines and equipment.

BENEFITS:

- ▶ SAFDEPAR is Effective at Low Doses
- ▶ Increases Oil Yields
- ▶ Eliminates Hot Oil Truck Treatments
- ▶ Reduce Non-Productive Time (NPT) of Producing Wells
- ▶ Prevents Paraffin Formation for Extended Periods
- ▶ Reduces Electricity Consumption
- ▶ Increases Injectivity and Reduces Injection Pressure on SWD Wells
- ▶ Reduces Chemical Costs on Injection Wells
- ▶ Cleans out Paraffin from Surface lines and Equipment
- ▶ Converts your Paraffin into solution with the Crude Oil (a Saleable Product)
- ▶ Reclaims your Storage Tank Capacity
- ▶ Lowers Well Maintenance Costs
- ▶ Residual Production Well Treatments continue through Surface Lines and Equipment to Storage Tanks, or with the Water to Injection Well removing/preventing Paraffin buildup along the way.
- ▶ Safe for Offshore or Inland Barge Applications
- ▶ Eliminates the need for Flammable Products on Location

HANDLING AND STORAGE:

Proper PPE should be worn while handling this product. Please review SDS before using.

SHIPPING & PACKAGING:

SAFDEPAR is shipped as a Class 55 Non-Hazardous product and is available in 55-gallon drums or 275-gallon tote quantities from Dominion Energy Services. SAFDEPAR® is manufactured by Gaddis Chemical & Consulting.