

SHPA-9850 RELIQUEFICATION ASPHALTENE-BASED SLUDGES

SHPA-9850 combines a unique blend of surface-active compounds with several proprietary solubilization chemistries. Additionally, micro-surfactants provide penetration into even severely dehydrated deposits, allowing the solubilization chemistries to function quicker. Now deposits across a vast spectrum, even with minimal flow or agitation, can be addressed.

APPLICATION

SHPA-9850 is for asphaltene-based sludges. It is designed specifically for reliquefying or remediating petroleum (hydrocarbon) based sludges, sediment, and solids.

- The hydrocarbon chains are reliquefied, the viscosity reduced by 80% or more, and the API gravity increased.
- Typically, more than 95% of the available hydrocarbons are recovered without harm to the oil.

For treating tank bottoms, it is recommended that 1-5% plus 1-4% carrier based on volume of crude/sludge should be spotted on the bottom to soak for 24-72hrs., depending on sludge depth.

- If possible, thin the tank solution thoroughly mixed by rolling the tank or using external circulation. Heating of the tank is not necessary, although helpful.

*As each application is unique, please contact your Shotwell Account Director for dosage recommendations and additional optimizations.

BENEFITS AND FEATURES

- Increased oil & gas production
- Does not require heating
- Does not require removal prior to refining
- Provides demulsification
- Reduces pumping fees
- Rapid clean-up
- Reduces oil viscosity
- Reduces under deposit corrosion
- Prevents redeposition

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PHYSICAL PROPERTIES

PROPERTY	SHPA-9850
Appearance	Homogenous, non-viscous liquid
Color	Light brown
Odor	Citrus
Solubility	Water dispersible / Oil soluble
pH Neat	8.3
Specific Gravity	0.9195
Flash Point	93°F
Pour Point	<-20°F

SAFETY, STORAGE & HANDLING

- Before handling, storage, and use of this material, please refer to the Safety Data Sheet (SDS) for details.
- Safety glasses and gloves, as a minimum, are recommended when handling.
- Keep Container closed when not in use.
- Store product in a dry and cool area.
- As with all industrial chemicals, contact with eyes or skin should be avoided (see SDS).
- Seek medical attention when required.
- See SDS for first-aid measures and/or accidental release.

PACKAGING

- 55-gallon drums
- 330 Gallon One-Way Totes

- **Aspiration hazard if swallowed.**
- **Inhalation of mist may produce severe irritation of the respiratory tract.**
- **Do not induce vomiting if swallowed.**