

TECHNICAL DATA SHEET

TerraSolve-100-GS™ (TS-100-GS) Biodegradable Solvent

Generic Description

TS-100-GS™ is a revolutionary biodegradable solvent formulated entirely from plant-based constituents, making it non-toxic, non-hazardous, extremely safe to work with and safe for the environment.

General Information

TS-100-GS™ is a revolutionary solvent formulated entirely from plant-based constituents, making it non-toxic, non-hazardous, extremely safe to work with and safe for the environment. It is biodegradable, low VOC/high performing "green" solvent that meets stringent EPA clean air and other environmental challenges faced by today's solvent users. The product is designed to be applied undiluted as a pretreatment soak to effectively break down baked-on hardened petroleum deposits and residues from oilfield assets and industrial machinery. It is perfectly suited for a broad range of cleaning applications.

This unique, and highly effective green formula revolutionizes the way in which petroleum deposits can be cleaned from a variety of surface media. Highly concentrated to deliver superior cleaning power, the product is applied directly to hardened petroleum deposits to liquefy them and enable easy removal.

Applications

TS-100-GS™ is designed to be used in conjunction with **TC-1200™**, a specialized surfactant that is used as a rinsing agent after the pretreatment with **TS-100-GS™** to desorb and liberate the newly liquefied hydrocarbons from the surface media. Its applications include:

- ◆ Frac Tanks
- ◆ Storage Tanks
- ◆ Rail Cars
- ◆ Soil Remediation
- ◆ Pipelines
- ◆ Machinery

Typical Physical Properties

Form, @ 70°F	Liquid
Color	Light Yellow
Odor	Light vegetable oil/citrus oil
Density, (lb/gal)	7.36
Viscosity, cSt @77°F	4.50
Flash Point, °F	>350
Vapor Press., mm	<0.4
PH @ 77°F	6.5 – 7.0
Boiling Point, °F	632
Solubility	
Fresh Water	Insoluble
High TDS Brine	Insoluble
Isopropanol	Soluble

Features

- ◆ Eliminates the need for steam
- ◆ Significantly reduces labor
- ◆ Breaks down and liquefies hardened asphaltenes
- ◆ Simplifies cleaning processes
- ◆ Replaces multiple cleaning products
- ◆ Eliminates the need for personnel to enter confined spaces
- ◆ Plant derived ingredients and 100% biodegradable and environmentally safe
- ◆ Non-carcinogenic, non-fuming, non-toxic
- ◆ Requires no special handling

Shipping and Handling

All blends with **TS-100-GS™** should be stored in either lined steel or plastic drums. **TS-100-GS™** is available in 55-gallon drums, 275-gallon IBC totes, and bulk tank wagons. As with any individual chemical, avoid prolonged contact with skin. In case of skin or eye contact, flush exposed area with copious amounts of water. A Safety Data Sheet outlining proper handling of this product is available upon request or will be forwarded upon the purchase of **TS-100-GS™**.

US: Non-Regulated / Nonhazardous

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