



PRODUCT DATA SHEET

PDS 991

PIPELINE & CRUDE OIL POND CLEANER

PRODUCT DESCRIPTION

PDS 991 is designed to be used in the following application, crude oil pipelines and pond storage facility. Due to the active ingredients in the PDS 991 it will liquefy paraffin in pipelines without movement or circulation inside the pipeline. The PDS 991 also works great in crude oil ponds where unsellable and unpumpable crude oil is being stored. Once the pipeline or crude oil pond has been cleaned it can be treated with the PDS 991 to prevent future paraffin and asphaltene build up from effecting performance. Pipelines that are regularly treated with the PDS 991 product, it will mitigate future pigging of the pipeline, which minimizes waste disposal and will increase throughput and volumes of the pipeline. Currently, conventional manual removal of crude oil bottoms is costly, hazardous, and time consuming often creating environmental and safety challenges. This results in difficulties in inventory, operations, and even procurement staffing.

PRODUCT BENEFITS

- Liquefies paraffin (milk shake consistency)
- Liquefies paraffin (hard pan consistency)
- Minimizes pigging pipelines
- Greatly shortens the downtime to clean crude oil ponds
- Decreases costs to maintain pipelines

APPLICATIONS

PDS 991 is a chemical used in large crude oil pipelines to liquefy paraffin bottoms that are considered to be milk shake consistency and hard pan consistency. Also helps to keep from regularly pigging inside these large pipelines to clean and remove these types of paraffin and asphaltenes.

HAZARDS

"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressure, cut weld, braze, solder drill, grind or expose such containers to heat, flame, sparks or other sources of ignition. "Empty;" drums should be completely drained, properly bunged, and promptly returned to a drum re-conditioner. Avoid prolonged contact with skin and frequently change soiled clothing. In case of contact, wash thoroughly with soap and water for 15 minutes or until the irritation subsides. The formation of mists should be avoided. Do not take internally. If swallowed, do not induce vomiting. Call a physician or Poison Control Center immediately. Keep out of reach of children. Not recommended for "breathing air" or hydrocarbon oils.

For sales and information on Sterrex product availability, please contact your local distributor below:



Distributor Contact:

Bruce Jeffcoat
432-599-6334
Brucej@pqstx.us



Proudly Representing

Sterrex Industries

Sterrex Industries specializes in formulating severe- service lubricants and chemicals.

Eddie Cotton
Manufacturing Rep.
432-208-3090
eddie.cotton@thresherind.com

TECHNICAL DATA

TEST PROCEDURE

RESULTS (TYPICAL)

Stock Code	PDS 991	
ISO VG	D2422	N/A
Viscosity 100°C, cSt	D445	N/A
Viscosity 40°C, cSt	D445	N/A
Viscosity 100°F, SUS	D445	85
Viscosity 210°F, SUS	D445	N/A
Auto-ignition temperature	D2270	>430°F
Specific Gravity (g/ml)	D1298	0.730
Density, (lb./gal)	D1298	6.10
Color	D1500	Clear
Flash Point, °C (°F) (COC)	D92	16 (-8.88)
Fire Point, °C (°F) (COC)	D92	N/A
Pour Point °C (°F)	D97	N/A
Odor		Mild
Texture		N/A
Appearance		Liquid
Biodegradable (inherently) *		N/A

*see Section IX of Safety Data Sheet

(A/16.6/90)

The values shown here are typical of current production. All of them may vary within modest ranges.

The information contained herein is accurate to the best of our knowledge at the time of printing. It is supplied upon the express condition that the customer or user is responsible for determining the product's suitability for a particular purpose. Products purchased from your local distributor are subject to the terms and conditions set out in the sales contract, quotation, warranty and/or order acknowledgement.

HEALTH AND SAFETY INFORMATION

For recommendations on safe handling and use of these products, please refer to the Safety Data Sheet (SDS), which is available upon request through your local distributor.

