BioGreen UltraGard Rig Clean

DESCRIPTION

BioGreen UltraGard Rig Clean provides a safe and easy way to clean your equipment surfaces, inside and out, without leaving a chemical residue.

Natural and safe to use, **BioGreen UltraGard Rig Clean** reduces skin, eye and inhalation hazards typically associated with petroleum based products.

BioGreen UltraGard Rig Clean is ultimate biodegradable, a non-petroleum based product made from the edible but typically wasted tallow of American-raised beef, reduces the dependency on foreign oil. **Our product does not compete with the food supply.**

BioGreen UltraGard Rig Clean product is rated Ultimate Biodegradable in which it will biodegrade greater than or equal to 60% in 28 days.

BENEFITS

✓ Ultimate Biodegradable
✓ No harmful exhaust emissions
✓ Non-petroleum based
✓ Made from renewable feedstock (typically wasted beef tallow)
✓ Negligible volatile organic compounds
✓ Moisturizing to hands – non drying to skin
✓ No chemical residue after using
✓ Pleasant aroma, no petroleum smell
✓ Environmentally Friendly Packaging

APPLICATIONS

BioGreen UltraGard Rig Clean is recommended for use on all parts machines and heavy equipment, such as hydraulic cylinders, draw works, drilling rigs, engines and surfaces, etc. Product may be used inside cabs to remove grease from steering wheels, handles and seats. Not recommended for use on glass or plastic. This is a rig cleaning product.

HEALTH AND SAFETY

This product is not classified as hazardous under OSHA definition, simply wash with soap and water after handling. Health & Safety information is printed in the MSDS sheet available on request. This product should not be used for purposes other than its intended use. Typical properties may vary slightly due to product research & development, information may change without notification.

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TYPICAL PROPERTIES

Test	ASTM #	Results	
Viscosity @ 100 °C, cSt	D 445	>12.5	
Flash Point, °C (°F)	D 92	200 (392)	
Pour Point, °C (°F)	D 97	<-30 (<-22)	
Foaming Characteristics	D 892	Sequence I	0/0
		Sequence II	30/0
		Sequence III	0/0
Gelation Index	D 5133	<6.0	
Four Ball Wear (40 Kg, 75 °C, 1200 rpm, 1 h) scar diameter, mm	D 4172	0.44	
Test	ASTM #	Results	
Specific Gravity API	D 4052	0.89	
Viscosity @ 40°C, cSt	D 445	59.0	
Viscosity @ 100°C, cSt	D 445	10.25	
Viscosity Index	D 2270	160	
Flash Point, °C (°F)	D 92	216 (421)	
Pour Point, °C (°F)	D 97	-33 (-27)	
Copper Corrosion	D 130	1a	
Rust Prevention	D 665	Pass	

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