

BIOLOXX™ is a 100% biobased product¹ that is made from flax shives and engineered to protect workers and the environment by absorbing oils and lubricants that are generated by spills and equipment leaks. In laboratory testing², BIOLOXX™ was significantly more absorbent on a volumetric basis than competing products.

Turning a waste material from the field into a product that is engineered for the protection of the environment... now that's sustainable innovation!


1. Per ASTM D6866 Standard Test Methods for Determining the Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon
2. Per ASTM F726 Standard Test Method for Sorbent Performance of Adsorbents for use on Crude Oil and Related Spills



Easy to use — Sprinkle the perimeter of the spill with BIOLOXX™ to prevent the spill from spreading. Then cover the rest of the spill with BIOLOXX™. With a course broom work the BIOLOXX™ completely mixing everything together until it has fully absorbed everything and no liquid is visible. If the remains of the BIOLOXX™ is still brown in color and not muddy looking you may wish to use this on your next spill; otherwise you can dispose this accordingly.



- Silica-free composition does not pose the health hazards associated with clay dust
- Light-weight absorbent bag is easier to handle than clay based products reducing the risk of back injuries when lifting
- One 25 pound bag of BIOLOXX™ does more than four times the absorption of a 40 pound bag of clay material
- Resistant to ignition prior to use which creates a safer working environment
- Does not create nuisance dust and unlike other loose absorbents will not blow away in windy conditions

Technical Data Sheet	Product			
	BIOLOXX™			
Product description				
Natural Composition		♦ 100 % biomass from oilseed flax with no additives based on ASTM D 6866-18		
Product Applications		♦ Oil absorption ♦ Other spills		
Technical data				
Properties		Value	Units	Standard
Particle size (average)		12.700	mm	SWM Quality test
Density		368.425	kg/cu. m	C.I.C. standard*
Moisture		8.00 to 10.00	%	C.I.C. standard
Calorific Values HHV		20.3227	MJ/kg	Celignis DAF **
LHV		18.8110		
Carbon		49.36	%	EN 1418-2009
Oxygen		38.65	%	EN 1418-2009
Hydrogen		6.65	%	EN 1418-2009
Nitrogen		1.13	%	EN 1418-2009
Sulphur		0.03	%	EN 1418-2009
Chlorine		0.0083	%	EN 1418-2009
Ash (dry mass)		2.84	%	EN 1418-2009

Notes : * CIC Composite Innovation Centre (Canada), ** Celignis Dry Ash free testing (Ireland)

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Specifications	Product Item F1706	Material	Flax Shives	Material Features	100% Organic, Non-Abrasive, Non-toxic, Silica Dust-Free
Test Procedures	Meets / Passed ASTM F726 Standard Test Method	Absorbent Type	Mulch/Granules	Fluids Absorbed	Oil, Gasoline or any petroleum based product, Antifreeze, Diesel, Blood, Paint, human/animal and more
Product Weight	25 LBS. / 11.4 Kg	Class	Absorbent 100% derived from flax straw		
Package Dimensions	21.76 x 29.75 x 6 in	Absorbent Capacity	25 LB. bag absorbs up to 12 gal. of petroleum based oil		