

TECHNICAL INFORMATION SHEET

PRODUCT NAME:

ENVIRONOC 101

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Replaces all previous editions



SECTION 1: PRODUCT IDENTIFICATION

Product Name: **ENVIRONOC 101**

Harmonized Tariff Code: **3002 90 10 00**

Manufacturer Address: ***Biodyne South Africa***
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SECTION 2: COMPOSITION

A liquid microbial mixture 33 species of live microorganisms representing 12 different genera

Bacteria: Gram + and gram – strains that degrade various petroleum hydrocarbons including aliphatic, volatile and polynuclear aromatic compounds, MTBE, and several intermediates. Hydrogen sulfide is also degraded.

Fungi: Unicellular fungi with complementary degradation skills to those mentioned above.

SECTION 3: APPLICATIONS

Bioremediation of petroleum hydrocarbon contamination in soil, sludge, surface water and groundwater	Reduction of oil, paraffin, gasoline, diesel, fuel oil, aviation fuel and other petroleum hydrocarbon components, including aliphatics, VOAs, PAHs, MTBE, isopropylbenzene, and many others.
Treatment of oily wash water from heavy equipment, truck, bus, golf course equipment and auto washing operations	Removal of petroleum hydrocarbon components that accumulate in the washing fluid during the cleaning process
Treatment of producing oil wells experiencing problems associated with paraffin accumulation	Reduced and more economical maintenance in older wells susceptible to paraffin plugging
Microbial Enhanced Oil Recovery (MEOR)	Enhanced oil recovery in older wells where the oilfield formation may be plugged with heavy end hydrocarbon components.

Product application rates are based on volume and levels. Contact your distributor to determine the correct application rate.

SECTION 4: SPECIFICATIONS

Appearance:	Tan- to brown-colored liquid that flows like water
Odour:	Fresh product has a mild odour of creamed corn. Stored product will have stronger odour with time.
Packaging:	2, 3, 5 and 20 liter containers
pH:	6.5 – 7.5
Concentration:	>100 million microbes per milliliter
Other Ingredients:	<0.25% mixture of soy protein, yeast extract and molasses in water
Solubility in Water:	Easily dispersible in water

SECTION 5: STORAGE

Store in a cool location in original container: (**Do Not Freeze**)

Room Temperature:	At ambient temperature the product should maintain its predicted activity for up to 3 months
Refrigeration:	With refrigeration, the product should maintain its predicted activity for up to 6 months

Note: **Use By Date** – Beyond the periods mentioned above, the product will not go “bad” but rather due to possible reduction in microbial numbers, the recommended dose for application may no longer achieve the desired result. By increasing the dose, the product may still provide acceptable results.

SECTION 7: OTHER INFORMATION

Manufacturer's Responsibility: The information provided in this technical information sheet represents the best information about the product at this point in time. As new information appears regarding any piece of critical information in this document, it will be added.