

## WAY OF USE

BIOSANE BIO 2000 E can be used pure then rinsed with high pressure water equipment. It can also be diluted in water, from 3 to 50% of product depending on the kind of pollution to be eliminated.

Store under cover in a cool place before use.

Make tests beforehand in case of contact with slightly cross-linked paintings. In case of contact with sensitive materials, use preferably BIOSANE BIO 2050 ED.

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

<u>PROPERTIES</u>	<u>VALUES</u>	<u>UNITS</u>
Appearance	Clear	
Color *		
Odour	light	
Density 25°C	890	Kg/m <sup>3</sup>
Flash point, closed cup	> 160	° C
Auto-ignition temperature	> 300	° C
Freezing point	1	° C
Emulsions pour point	1	° C
Kauri Butanol indication	158	-
Lower explosion limit	Non explosible	% (v/v)
Upper explosion limit	Non explosible	% (v/v)
VOC content (Volatile organic compounds)	0,0	% (m/m)
Solvent content	0	% (m/m)
Hydrocarbon content	0	% (m/m)
Aromatic content	0	% (m/m)
Benzene content	0	ppm
Chlorine content	0	ppm
Fluorine content	0	ppm
Bromine content	0	ppm
Iodine content	0	ppm
Sulfure content	0	ppm

\* This product is made and based on natural vegetable oil esters whose origins do not make it possible to specify a constant color. This one can vary according to the places of production and the climatic conditions before harvesting. A difference in color even extremely important does not influence at all product performance.

## PRESENTATION

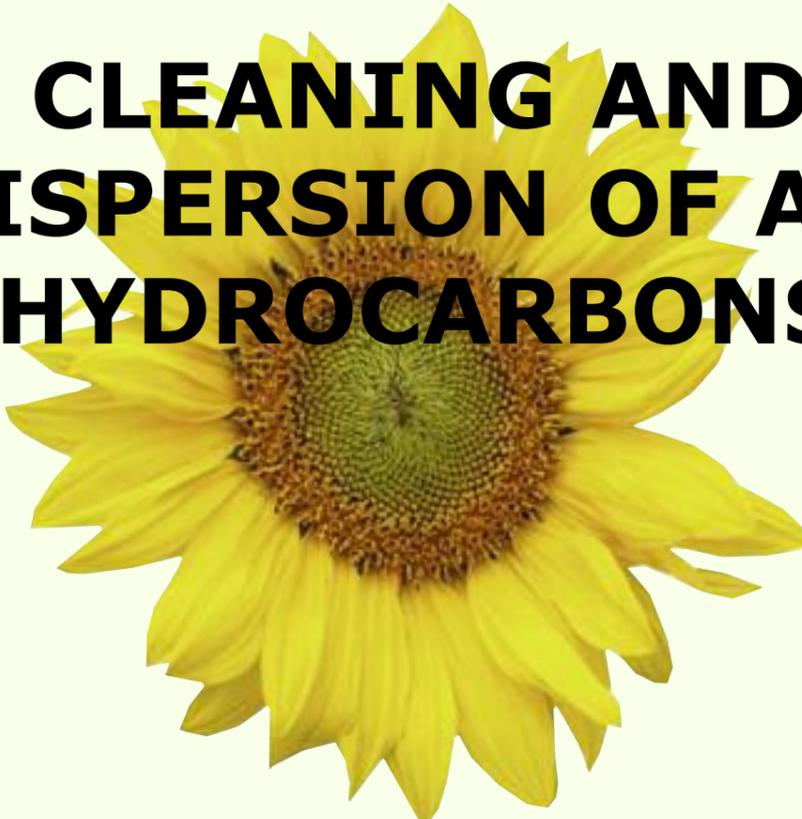
Item code : 101935 - Container 1000 L  
Item code : 101934 - Drum of 200 L  
Item code : 101933- Small drum of 25 L



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# BIOSANE BIO 2000 E



**CLEANING AND  
DISPERSION OF ALL  
HYDROCARBONS**

**BIOTECHNOLOGIC  
FREE FROM VOC  
ODOURLESS  
HARMLESS  
100% BIODEGRADABLE  
100% VEGETAL ORIGIN**

**BIOSANE BIO 2000 E is an emulsifiable cleaner and degreaser, specifically developed to replace hydrocarbon solvents or any other petroleum solvents. It meets the expectation of production and maintenance managers, in terms of performance, health, environment and safety.**

## APPLICATIONS

**BIOSANE BIO 2000 E IS SUITABLE TO ELIMINATE AND DISPERSE ALL LIGHT AND HEAVY PETROLEUM HYDROCARBONS DURING EXPLOITATION, STORAGE, TRANSPORT OR IMPLEMENTATION.**

### Exploitation of crude oil



BIOSANE BIO 2000 E, used with 3% of product diluted in water and with high pressure equipment, allows the cleaning of all areas polluted by Africa or North sea type of crude oil. For elimination of Venezuela crude, increase concentration of BIOSANE BIO 2000 E to 5% of product in water.

### Storage and transport of hydrocarbons



BIOSANE BIO 2000 E allows to make soluble instantly and to create micro dispersions for the removal of gasolines, gazoles, kerosines, domestic fuel or mazout. It is then used at 3 to 5% diluted in water depending on whether high pressure water equipment for rinsing is available or not.

### Cleaning of automotive, heavy trucks, public works and navy engines



BIOSANE BIO 2000 E allows the fast elimination of all hydrocarbon pollutions on areas having been subjected to temperature. Then it is used by spraying, diluted at 5 to 8% in water, and eliminated with high pressure equipment.

### Cleaning of tanks and constructions before painting

Used at 3% diluted in water, BIOSANE BIO 2000 E allows elimination of all organic or inorganic pollutions before renovation.



Cleaning of ship tanks



Cleaning of constructions before painting

#### FORMULATION FREE FROM SOLVENTS AND FREE FROM VOC

BIOSANE BIO 2000 E is not subjected to the Directive 1999/13/EC regarding emissions of Volatile Organic Compounds. Moreover, there is no need to ensure a special medical supervision. It is free from solvent and is not concerned by occupational diseases related to solvent exposures.

#### FORMULATION FREE FROM HYDROCARBONS, 100% BIODEGRADABLE

BIOSANE BIO 2000 E is rapidly and completely biodegradable. It protects the environment in case of accidental spill as well as the population living nearby. It does not request any authorization from Administrative authorities (Decree 2002-680).

Easily biodegradable according to OECD 301 B test (control of CO<sub>2</sub> emission during degradation).  
Entirely biodegradable according to OECD 302 C test (manometric control during degradation).

#### FORMULATION IMPROVING SAFETY

Non flammable, BIOSANE BIO 2000 E has no obligation to classify the area of utilisation in ATEX zone (Directive dated July 8, 2003).

#### FORMULATION IMPROVING WASTE CONTROL

BIOSANE BIO 2000 E is classified as a non hazardous waste. After use, it can be collected for free in the case of valorisation.

#### STABLE EMULSION

BIOSANE BIO 2000 E diluted with water allows to realise stable emulsions from 3 to 50% of product during at least 24 hours in ambient temperature.

#### FORMULATION IMPROVING HEALTH

BIOSANE BIO 2000 E, does not contain solvents, does not emit vapour. It is odourless. It is pleasant to use. Moreover, it is non irritant, non sensitizing and has a very few drying effect on the skin. This preparation does not contain any substance classified as explosive, oxidising, extremely flammable, highly flammable, flammable, carcinogenic, mutagenic, toxic, harmful for reproduction, irritant, sensitizing, corrosive or dangerous for the environment (according to November 9, 2004 Directive).