



## Scientific-Industrial Enterprise «ECONAD»

**BIOSORBENT  
«ECONADIN»**

## About SIE «ECONAD»

**Scientific-Industrial Enterprise «ECONAD»** Ltd was founded in 1991.

The basis of the **SIE «ECONAD»** is the development and implementation of environmental friendly technologies, aimed at the elimination of oil pollution of the environment.

The result of scientific-research work was the creation of the biopreparation "**Econadin**" - absorbent and destructor of petroleum hydrocarbons and also technologies of its application.

Years of experience of the **biopreparation "Econadin"** in Marine and Oil industry has allowed to create "**Econad biotechnologies**" for water purification and bioremediation of contaminated land.

Developed "**Econad biotechnologies**" surpass world analogues of purity and simplicity of the process. The **biotechnology** is completely ecological and wasteless.



ABOUT SIE  
«ECONAD»

BIOPREPARATION  
"Econadin"

ADVANTAGES OF  
USAGE

- FOR THE  
ELIMINATION ON  
THE WATER  
SURFACES

- FOR THE  
ELIMINATION ON  
SOLID SURFACES

- FOR THE  
ELIMINATION OF  
INDUSTRIAL  
WASTE WATER

## Absorbent – biodestructor “ECONADIN”



**"Econadin"** (Hope for Ecology) is a new generation bacterial preparation based on avirulent oil-oxidizing bacteria. It combines powerful absorption with biodegradation of oil hydrocarbons.

**"Econadin"** is particularly suitable for sea and river ports, transport and shipping companies, oil production industry, oil emergency service, petroleum storage depots, petrol stations, airports, chemical industry, fire and armed forces, printing industry, car repair shops.

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## The advantages of usage “Econadin”

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The biotechnological method employing "**Econadin**" is used for elimination an oil spill after most of the spilt liquid have been collected by mechanical means.

Use of such a method for elimination of oil spills on water and soil permits to:

- **block** the pollution on short notice and prevent its spreading;
- **eliminate** pollution with minimum environmental damage;
- **provide** for prolonging the activity in restoring natural biocoenoses by using and stimulating self-purifying mechanisms.

# Absorbent – biodestructor «Econadin» for the elimination of oil pollution on the water surface and in the water

**Ingredients:** microorganisms-destroyers of petroleum hydrocarbons, immobilized on the dried upper sphagnum peat.

**Absorbable material:** oil products, oils, solvents, coolants

**Absorptive capacity:** 1:6 ~ 1:8, depending on the type of oil product and its modification.

**Environmental and biological properties:**

"Econadin" is ecologically harmless, non-toxic, odorless; safe for humans, animals and the environment

**Desorption phenomenon** oil is virtually nonexistent.

**Degradation of petroleum hydrocarbons** to H<sub>2</sub>O and CO<sub>2</sub>



<b>Package volume</b>	20 L	40 L	50 L
<b>Approximate weight of package</b>	3 kg	6 kg	7,5 kg

# Absorbent – biodestructor «Econadin» for the elimination of oil pollution on solid surfaces: pavements, asphalt, concrete and metal floors

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# Biopreparation “Econadin”

## to improve the treatment of industrial waste water containing oil, surfactant and biorezist pollutants.

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**SIE «ECONAD»**

**The End.**



**Thank You for the attention!**