

RHAPYNAL

from nature - for nature



Our concept:

Applying pro-active environmental consciousness to industrial requirements.

Utilizing scientific discoveries, re-analyzing and developing them.

Teaming up researchers and scientists from different fields and inspiring productive dialogue ...

which will result in the development of ready-to-use products ...

for a great many companies that count on supply-side innovations to improve their products in an economically feasible manner.



Innovation for industrial use:

Agriculture

Biological Fertilizers & Plant Health Products

Improving soils, strengthening and protecting crops, activating plants' immune system, increasing yields.

Reducing (or even fully replacing) toxic chemical fertilizers and pesticides by using biological alternatives.

Reducing irrigation and protecting groundwater.



Animal Nutrition Additives

Strengthening animals' immune system, thereby reducing or fully replacing prophylactic antibiotics.

Improving nutrient utilization and saving animal feed and water.

Increasing productivity, without stressing animals.

Decontamination of Arreals

Biological cleansing of oil spills, without leaving toxic residues.



Other Segments

Emulsifier & Carrier

Biological carrier and emulsifier in cosmetics and products for allergic people

Carrier and booster for active substances in pharmaceutical products, strengthening the immune system: antibacterial, antiviral, antifungal

Industrial Cleaning

Biological cleaning agent for industry and gastronomy



Detergents

Biological ingredient of detergents

Processing & Paint

Biological agent for surface processing and water soluble paints

Fire Fighting

Biological additive for fire extinguishing foam (replacing AFFF) and additive for fire extinguishing foam in combination with salt water

And many more applications!



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Confirmed by various universities and academic institutes, among others ...

Ukrainian Academy of Science

Agricultural University Botswana

Karlsruhe University of Technology

University Geisenheim

University Stellenbosch South Africa

Alexander University Thessaloniki





Upscaling production to
200 tons per annum



Build-up of a large production site in Germany
with an annual output of 2,000 tons



Cooperation with renowned
national and international
partners

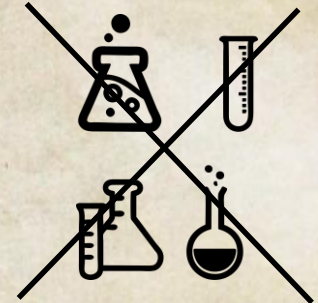




Short transport routes for raw materials supply



Renewable raw materials are available in many regions



No chemical compounds, no toxic material



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