

ENVIROactiv



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ENVIROACTIV is a bio-stimulating or bio-activating solution composed of a combination of nutrients and surfactants, formulated to increase the metabolic activity of microorganisms and thus optimize the biodegradation of pollutants.

Features

The ENVIROACTIV solution contains an ideal proportion of nutrients for the biodegradation of hydrocarbons. It is a product of advanced technology, which contains a source of nitrogen, phosphorus and trace elements and a

surfactant compound. The nutrients act by bioactivating the biodegradative processes and the surfactant makes the pollutants more bioavailable to the microorganisms, thus accelerating the bioremediation processes.

Composition	Non-ionic surfactant and nutrient solution
Appearance	Low viscous and translucent liquid
Odour	Soft and characteristic
Water solubility	Soluble in water
Nitrogen concentration	115 g N/kg (11.5%)
Expiration	18 months



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Applications

ENVIROACTIV is recommended for bioremediation treatments in soils and groundwater contaminated with hydrocarbons, as well as in the on-site biological treatment process using bio-piles. The ENVIROACTIV solution allows

direct injection into the subsoil (unsaturated zone) or into groundwater (saturated zone). In the case of bio-piles, it can be incorporated while providing moisture, nutrients and surfactants, reducing treatment times.

Advantages

- It favours the growth of hydrocarbon degrading bacterial populations.
- Reduces the time for remediation treatment of soils and groundwater.
- Stable product, it is not affected by changes in pH, temperature, alkalinity, etc.
- It is not toxic and biodegradable.

Preparation and dosage

The nutrient solution is ready to apply directly to the subsoil. The application of ENVIROACTIV provides nutrients and reduces the surface tension of hydrocarbons to biostimulate microorganisms. Periodic applications are recommended to

prevent nutrients from being limiting elements of bioremediation. To know the necessary dose, consult our technical service.

Delivery format

Drums of 20 L, 200 L, IBC 1000 L.



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