



Akka2O® LMF presentation

Akka2O® LMF (Liquid Molecular Fragmenter) is a biosurfactant which has the capacity to fragment the hydrocarbon chains, preventing the reaggregation of the molecules themselves, favoring their immediate bioavailability against the aggression of the bacterial flora. This triggers a natural mechanism of non-impact and exponentially rapid biodegradation.

A fairly simple modification of the formula allows many applications in various industrial sectors.

Our product is guaranteed as harmless and neutral for aquatic and terrestrial fauna and flora, and 100% non-toxic for operators, during its application.

Environmental remediation

Akka2O® LMF is a water-based compound , with an active principle based on nanotechnologies, which allows a very rapid degradation of each family of hydrocarbons (fats, oils, petrol, diesel, etc.) in soils and waters in environmental reclamation operations.

Water and soil can be treated simultaneously, without the need for any soil movement.

The site, to clean-up, is simple and safe and the reclamation can be performed on production and operational sites without any suspension of the activity.

Industrial remediation

Akka2O® LMF allows you to carry out industrial cleaning of systems, apparatus and equipment with great efficiency, in less time and in total safety for the environment and the operators.

Akka2O® LMF allows to reduce vapors and odors of organic and inorganic origin and to certify "gas-free" tanks and cisterns (eliminating the risk of explosions).

The addition of Akka2O® LMF in exhaust gas treatment systems allows a significant reduction of CO2.

Cleaning

The range of products based on Akka2O® LMF technology is extraordinarily effective in the Cleaning sector in the commercial/industrial sector.

Akka2O® LMF comes in three distinct products that are used according to the degree of "dirty";



Akka2O® LMF can also be used in various other sectors:

- waste water treatment (abatement of hydrocarbons);
- reduction of odors on the "digestate - compost" at production plants of biogas from the organic fraction of municipal waste;
- application in the naval sector (cleaning engine rooms, tanks, hulls, etc.);
- emergency supervision for accidental oil spill events;
- removal of graffiti on various surfaces and vehicles;
- replacement of solvents during the washing phase of oil-soiled mechanical parts;
- used for washing drinking water pipes (certified in France)

Eco-sustainability

Akka2O® LMF considerably reduces the production of waste and its transport; the Akka2O® LMF formula can be mixed with various types of water (marine water, gray water, rainwater, etc.) avoiding the use of now precious fresh and drinking water;

Akka2O® LMF also supports the growth of vegetation.

In case of interest, we will take care of organizing a meeting during which the characteristics of the product presented will be detailed.

The next step, in case of confirmed interest, will be the free implementation of a cleaning test protocol in an industrial site of your choice.

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