

RC

Oil-encapsulating clean-up agent with integrated bioremediation effectiveness

Suitable for use on solid surfaces



In depth deoiling of asphalt

Bioversal® RC - Cleaner

The Bioversal® RC is an environmentally friendly and user safe high performance eco-cleaner. It has been designed as an oil spill clean-up agent for use on solid surfaces such as asphalt, concrete or natural building material. It displays excellent oil encapsulating capacity and is able to reduce VOC emissions considerably, but does so without creating oil/water emulsions while making oil easily separable from wash water. The RC is compatible with standard API oil/water separation systems. When used correctly,

Bioversal® RC prevents the risk of slipping caused by oil and grease. At the same time, the structure of the surfaces is neither attacked nor changed.



High performance oil encapsulation

Bioversal® RC ensures pore deep cleaning. RC is extremely efficient in mitigating hydrocarbon gas emission and neutralizes hydrocarbon odor.



Slip resistant oil decontamination

Unique Features

- + biocompatible environmental remediation functionality when used on residual oil pollution present in soil & waters
- + promotes and accelerates the biodegradation of hydrocarbons under aerobic conditions
- + suppresses the formation of oil-water emulsions
- + compatible with oil-water separators and biological treatment plants
- + dermatologically tested
- + BioActivator inside guarantees biodegradability of oil pollution
- + in waters: 20–80 ppm/day
- + in soil: 240–270 ppm/day



„BioActivator“ technology inside

Our BioActivator technology ensures even higher rates of biodegradation when applied to hydrocarbon pollutants, with bioremediation effectiveness on soil of 240 – 570 ppm/day.

Ecological cleaning oil spill
water surface agent

VOC suppression sewage
plant compatibility

S/W/Aq oil anti pollution
bioremediation effectiveness

„BioActivator“ inside

The Bioversal® RC contains the BioActivator, produced from extracts of plant origin, has a biocatalytic effect on treated oil pollution, ensuring rapid and complete biodegradation of oil pollution. This remarkable degradation effect makes treated oil contaminants in water and soil bioavailable and biodegradable. Naturally occurring aerobic degradation mechanisms are enhanced always natural in the environment and in waste water treatment plants, which are positively stimulated.

Treatment of oil spills on soil and waters

Treat residual and non recoverable oil pollution by flushing of clean water to reach NOEC/ECO/LCO values of 0,1–1,5 %. Monitor analytically residual oil pollution in soil/waters/aquifer. Under optimum environmental conditions, Bioversal® RC bioremediation effectiveness is immediately activated through enhanced bioavailability and biocompatibility of encapsulated oil micelles. Aerobic biodegradation of residual hydrocarbon

pollution is stimulated during the next 14 – 21 days. For further anti pollution measures on the spot, sprinkle Bioversal® RC at 0,5 – 1,0 %.

Grip restoration on asphalt and concrete

In the case of targeted oil cleaning operations to eliminate the risk of slipping on road surfaces (e.g. asphalt, concrete), ensure that large quantities of hydrocarbons are sucked off or removed using oil binding agents.

Applications of Bioversal® RC

- Cleaning of oil/fuel storage tanks
- Cleaning of asphalt/concrete, soil and natural materials etc.
- Treatment of oil pollution in soil and water
- Immediate VOC emissions reduction

Storage and packaging

- Storage temperature: +2 °C to 50 °C

- Shelf life: 5 years
- Maximum storage time of premixes: 7 days
- Packaging: IBC container/1000 l HME-HDPE Barrel/ 210 l HDPE Jerry Can/20 l

References

- **Airports** (Fraport AG, Fraport Greece A.E. - in use by 14 airports)
- **Railways** (Österreichische Bundesbahnen, Deutsche Bahn)
- **Firebrigade** (Austria, Germany, Italy, Suisse, Belgium and many more)
- **Motor highway** (Asfinag, Autostrade per l'Italia)
- **Port authorities** (Belgium & Netherlands)
- **Water protection agencies** (Austria, Spain & Italy)
- **Industry** (Eurocopter, Airbus, Military)