



Version: 5.1
Date: November 02, 2017

Product Datasheet

OILEX Binding Agent



Technical Data

Material	hydrophobic biogenic sediment*
Absorption capacity	1kg of OILEX absorbs approx. 2,84 liters of oil
Absorption rate	2-3 seconds
Weight	134g/l
Buoyancy	hydrophobic; buoyant parts $\geq 95\%$ buoyancy >24 hours
Moisture content	20-30 % by weight
Distribution of particle size	> 4 mm = 8 % by weight 4 – 0,5 mm = 54,1 % by weight 0,5 – 0,125 mm = 33,1 % by weight < 0,125 mm = 4,8 % by weight
Areas of application	Type I, II, III-R
Restoration of road surface friction	... up to 96%
Autoignition temperature	265-289 °C
Storage life	at least 5 years
Tested by	Materials Testing Institute North Rhine Westphalia, Germany (performance), Institute of Hygiene and Toxicology, Gelsenkirchen, Germany (product safety for humans and the environment)

WHATEVER YOU SPILL

- OILEX is an extremely effective binding agent; its absorption capacity (capability to absorb and to hold absorbed substances) was successfully tested by the Materials Testing Institute NRW in Dortmund, Germany.
- OILEX is a universal binding agent which is particularly well suited for absorbing all kinds of oils, fuels and a wide range of chemicals (see separate list of absorbable chemicals).
- OILEX quickly and effectively absorbs spilled substances and can easily be collected without leaving any residues.
- OILEX can be re-used until it is completely saturated.
- OILEX encapsulates absorbed substances and doesn't release them even under increased mechanical pressure.
- OILEX can be used preventatively or for acute spills / emergency situations.
- OILEX does not impact the visual appearance or physical properties of the surface area on which it was used.
- OILEX is easy to handle because of its low net weight.



WHEREVER YOU SPILL

- OILEX is certified for all areas of application, according to the requirements of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany.
- Up to 96% of the original surface friction of a road is restored after using OILEX to clean up an oil spill.

Category	Description
Type I	Oil absorbents that are particularly suited for use on water.
Type II	Oil absorbents that are suited for general use on land and smaller water bodies.
Type III	Oil absorbents for special applications, particularly for commercial and industrial use.
Additional Certification „R“	Oil absorbents that guarantee a sufficient degree of grip after their use on oil-stained traffic areas – particularly in wet conditions – according to the official road cleaning instructions.

Type I, II, III-R

Instructions for use

- Please read “Instructions for use of OILEX”

Environmental Impact

- OILEX is a binding agent that is 100% organic, consisting of a hydrophobic biogenic sediment. It contains no artificial additives.
- The product safety for humans and the environment was tested by the Institute of Hygiene and Toxicology in Gelsenkirchen, Germany.
- OILEX is 100% biodegradable and has no negative impact on the environment, i.e. it is absolutely nontoxic for humans, animals and plants.

Disposal

- Cost-efficient disposal of used OILEX because of low net weight.
- OILEX has a good heating value; it is therefore well suited for incineration.

Storage

- OILEX should be stored in dry conditions (LKG 11). Storage life is at least 5 years.

Safety Information

- None; the product safety was tested by the Institute of Hygiene and Toxicology in Gelsenkirchen, Germany.



Product variants

Category	Product	Product-No.
OILEX binding agent	50L bag	Ox1001
OILEX binding agent	10L bucket	Ox1002
OILEX binding agent	0,5L sample	Ox1003
OILEX binding agent	1L bag	Ox1004



*The OILEX binding agent is 100% organic, consisting of a hydrophobic biogenic sediment. Some technical data may therefore vary slightly. Its effectiveness depends on the substances that have to be absorbed. It may be necessary to manually kneading in / work in the binding agent. The applicable waste management laws have to be complied with.