

DEUREX® PURE

TECHNICAL INFORMATION

Chemical characterisation: Adsorbent made of Polyethylene wax

- Use:**
- Oil and chemical adsorbing material for adsorption and durable keeping of oils, chemicals and other hydrophobic liquids
 - Water protection, applicable for all waters
 - Disaster management and cases of average
- Further fields of application:
- Filter technology
 - Waste water and sewage treatment
 - Purification plants and water supply facilities
 - All types of oil separators
 - Leakages, e. g. at plants, machinery or vehicles

- Properties:**
- 1 kg of DEUREX® Pure adsorbs 6.55 l of oil
 - DEKRA test report no.: 55251253/15
 - Regarding the oil adsorbing and oil keeping properties, DEUREX® Pure meets the requirements for oil absorbents, announcement of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety dt. 12th March 1990 (GMBI – common ministerial gazette – p. 335) and 23rd April 1998 for type I, II, SF and for the LTwS – storage and transport of water-hazardous substances – no. 27 (June 1999).
 - DEUREX® Pure meets the requirements of the technical instructions on Municipal Waste for oil absorbents (type I, II and III)
 - DEUREX® Pure meets the requirements for floatability
 - Extremely big surface area, > 3 m²/g
 - Electric non-conductor
 - Inert, no chemical reaction with other products

- Ecological advantages:**
- Excellent environmental compatibility
 - Non biodegradable
 - Water protection due to water insolubility, no water adsorption
 - No residues in the water
 - Long-term adsorbent
 - Ground water protection, remains buoyant even when saturated
 - Easy to separate from water
 - Durable shelf-life, no decay of product
 - No raise of dust, harmless concerning occupational health

- Disposal:**
- Incineration possible by consideration of the adsorbed materials and substances, calorific value 40 – 45 MJ/kg
 - Recycling

Technical data:

Colour:	White
Consistency:	Cotton like
Density:	< 1 g/cm ³
Oil binder demand:	1 kg of DEUREX® Pure adsorbs 6.55 l of oil

Safety: The product is no hazardous preparation according to Directive 1999/45/EC. It is not subject to labelling according to EC-Directive 67/548/EEC and Regulation (EC) 1272/2008.