

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:**
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| 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.

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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