

## **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 seperators

- 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. 12<sup>th</sup> March 1990 (GMBI – common ministerial gazette – p. 335) and 23<sup>rd</sup> 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 Municiple

Waste for oil absorbents (type I, II and III)

DEUREX® Pure meets the requirements for floatability

Extremly big surface area, > 3 m²/g

Electric non-conducter

- Inert, no chemical reaction with other products

Ecological advantages: - Excellent evironmental compatibility

Non biodegradable

Water protection due to water insolubility, no water adsorption

No residues in the waterLong-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/cm³

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.

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