

## **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 m<sup>2</sup>/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.

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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