

DEUREX[®]

THE WAX COMPANY

THE OIL AND CHEMICAL
ADSORBENT

DEUREX[®] PURE
OIL & CHEMICAL BINDER



MAJOR BENEFITS



ENVIRONMENTALLY FRIENDLY OIL AND CHEMICAL ADSORBENT

- Hydrophobic wax cotton
- Product adsorbs no water
- Only pollutants are adsorbed
- Pollutants are kept durably
- Free of dust working

VERY HIGH AND FAST ADSORPTION

- Adsorbs 6.55 times of its own weight
- Certified by DEKRA Industrial GmbH
- Registered in "list of approved absorbents"
(Liste der geprüften Ölbindemittel)

PREVENTION AGENT

- Product does not decay by environmental influences
- Floats durably even when saturated
- Helps to minimize and to avoid damages

water contaminated with oil



add DEUREX PURE



just wait



clean water



DEUREX PURE is suitable for hydrophobic liquids, for oils and chemicals as well as alcohols.

1 kg of DEUREX PURE adsorbs 6.55 l of oil (DEKRA certified) very fast due to great surface of 3 m²/g.

DEUREX PURE keeps the contaminants, does not adsorb any water and remains buoyant even when saturated.

DEUREX PURE can be removed without any residues left. It is recyclable and reusable.

water contaminated with diesel



add DEUREX PURE



just wait



clean water



DEUREX PURE is suitable for hydrophobic liquids, for oils and chemicals as well as alcohols.

1 kg of DEUREX PURE adsorbs 6.55 l of oil (DEKRA certified) very fast due to great surface of 3 m²/g.

DEUREX PURE keeps the contaminants, does not adsorb any water and remains buoyant even when saturated.

DEUREX PURE can be removed without any residues left. It is recyclable and reusable.

water contaminated with Toluol



add DEUREX PURE



just wait



clean water



DEUREX PURE is suitable for hydrophobic liquids, for oils and chemicals as well as alcohols.

1 kg of DEUREX PURE adsorbs 6.55 l of oil (DEKRA certified) very fast due to great surface of 3 m²/g.

DEUREX PURE keeps the contaminants, does not adsorb any water and remains buoyant even when saturated.

DEUREX PURE can be removed without any residues left. It is recyclable and reusable.

Isopropanol*



use DEUREX PURE



just wait



complete adsorption



DEUREX PURE is suitable for hydrophobic liquids, for oils and chemicals as well as alcohols.

1 kg of DEUREX PURE adsorbs 6.55 l of oil (DEKRA certified) very fast due to great surface of 3 m²/g.

DEUREX PURE keeps the contaminants, does not adsorb any water and remains buoyant even when saturated.

DEUREX PURE can be removed without any residues left. It is recyclable and reusable.

* the alcohol (Isopropanol) has been dyed blue for better visibility



APPLICATIONS

WATER TREATMENT

- Purification plants
- Filter technology
- Coalescence separator
- Bilge water separator

EMERGENCY MANAGEMENT

- Fire fighters
- Oil weirs
- Flood management
- Protection of buildings

ENVIRONMENTAL TECHNOLOGIES

- Soil rehabilitation
- Cleanup operations

INDUSTRIAL APPLICATIONS

- Refineries
- Oil-bearing machines
- Car washes
- Filling stations
- Oil platforms

WIND ENERGY PLANTS

- Oil safety collar protects against oil damages

WATER PROTECTION

- Lakes and rivers
- Rain water retention basins
- Dams
- Locks
- Ports and Marinas

RECYCLING CONCEPT

WASTE AVOIDANCE

The high adsorption ratio reduces the amount of absorber down to 1/6 of commercial granules. This causes much less waste.

SEPARATION

Various methods allow the separation of adsorbed pollutant from DEUREX PURE. Both materials can be used again or be disposed.

DISPOSAL

A typical oil-PURE-compound has a heating value of 45 MJ/kg. It is very attractive for thermal disposal.

WASTE OIL ORDINANCE

§ 2

Reprocessing Priority

(1) The reprocessing of waste oils shall be given priority over other disposal methods insofar as no objective technological and economical restraints including those of an organizational kind preclude this.

TEST REPORTS

2.4. OIL-BINDER REQUIREMENT*

PARAMETER	UNIT	RESULT
Oil-binder requirement:		
(g) oil binder / 100g oil	g	19
(ml) oil binder / 100 ml oil	ml	201
1 l oil binder binds	g oil	410
Calculated value	% by vol.	201
1 litre of oil binder binds:	litre	0.50
1 kg of oil binder binds:	litre	6.55
1 kg of oil binder binds:	kilograms	5.40

Classification criteria

Oil binder	Oil-binder requirement
Type I	max. 350 % by vol.
Type II	max. 600 % by vol.
Type III	max. 350 % by vol.

* Extract from official test report of DEKRA Industrial GmbH



We undergo independent assessments. DEUREX PURE is certified by DEKRA Industrial GmbH and listed in the "List of approved absorbents". Do not hesitate to compare us.

DEUREX PURE is also certified in other countries. Reports will be handed out upon request.

LIST OF APPROVED ABSORBENTS*

Unit	Result
ml	19
g oil	201
% by vol.	410
litre	201
litre	0.50
kilograms	0.55
	5.40

Oil binder Type I
Oil binder Type II
Oil binder Type III

Oil-binder requirement max. 300 % by vol.
Oil-binder requirement max. 300 % by vol.

Oil-binder requirement without allowance for additional need (oil-retention capability):
1 litre oil binder binds: 0.88 litre oil

An adjustment with respect to oil-retention capability was necessary in calculating the oil-binder requirement.

DEGRE Industrial GmbH, Harzweierstr. 15, D-75265 Sulzigen, www.litera-industrial.com

Page 1 of 1



Kurzantwort

Ölbindemittel werden eingesetzt, um ausgetretenes Öl und andere Kohlenwasserstoffe (z.B. Kerosin) und/oder Leuchtgas aufzufangen und Spalten für Abwasch und Umwelt zu verschließen. Die meisten der empfohlenen Ölbindemittel sind ungelöst in Wasser und sind für die Verteilung der auf dem Markt angebotenen Produkte fast ausschließlich geeignet. Diese sind in der Liste der geprüften Ölbindemittel (Typ I, II, III und IV) aufgeführt. Die Liste der empfohlenen Ölbindemittel gibt den Anwendern eine Hilfestellung bei der Auswahl eines Ölbindemittels für den Einsatz vor. Die Liste der empfohlenen Ölbindemittel ist in der Liste der geprüften Ölbindemittel (Typ I, II, III und IV) aufgeführt. Die Liste der empfohlenen Ölbindemittel ist in der Liste der geprüften Ölbindemittel (Typ I, II, III und IV) aufgeführt.

Hersteller	Produktname	Form	Einheit	Spezifikation	Typ	Datum
DEGRE	Ölbindemittel	Gummi	kg	0,42	I, II, III	14.03.2017
DEGRE	Ölbindemittel	Gummi	kg	0,29	I, II, III	14.03.2017
DEGRE	Ölbindemittel	Gummi	kg	0,49	I, II, III	14.03.2017
DEGRE	Ölbindemittel	Gummi	kg	0,38	I, II, III	14.03.2017
DEGRE	Ölbindemittel	Gummi	kg	0,40	I, II, III	14.03.2017
DEGRE	Ölbindemittel	Gummi	kg	0,50	I, II, III	14.03.2017
DEGRE	Ölbindemittel	Gummi	kg	0,39	I, II, III	14.03.2017

*Liste der geprüften Ölbindemittel



PRODUCTS

- PLASTIC BUCKETS
- PAPER BAGS
- NET BOOMS
- FLEECE BOOMS
- MATS
- DUCT COVERS
- LEAKAGE SETS
- NET BLOCKS AND NET BAGS





PLASTIC BUCKETS

- Perfect to dose DEUREX PURE
- The loose material agglutinates upon contact with oils and chemicals
- This makes skimming of the adsorbed material very easy
- Usable as storage container
- Usable to contain and to dispose the adsorbed material

SMALL BUCKETS

29 cm x 25 cm x 25 cm = 1 kg DEUREX PURE
60 items per pallet

LARGE BUCKETS

40 cm x 40 cm x 37 cm = 3 kg DEUREX PURE
24 items per pallet

PAPER BAGS



- One bag of DEUREX PURE weighs only 5 kg, one bag filled with granules weighs 20 kg or more
- Bag dimensions according to commercial adsorbents
- Higher adsorption ratio with less material
- The loose material agglutinates upon contact with oils and chemicals
- This makes skimming of the adsorbed material very easy

PAPER BAGS

80 cm x 40 cm x 20 cm = 5 kg DEUREX PURE
21 bags per pallet, single carton
18 bags per pallet, shipping carton





NET BOOMS



- DEUREX PURE covered by a stable net
- Fastest adsorption due to direct contact with DEUREX PURE
- Carabiner allow easy linking to barriers (2 pieces on 300 cm booms, 4 pieces on 600 cm booms)
- Integrated rope increases durability
- Booms float durably even when saturated

NET BOOMS

120 cm x 8 cm

16 items per carton / 8 cartons per pallet

300 cm x 8 cm

10 items per carton / 8 cartons per pallet

600 cm x 8 cm

5 items per carton / 8 cartons per pallet

120 cm x 10 cm

10 items per carton / 8 cartons per pallet

300 cm x 10 cm

4 items per carton / 8 cartons per pallet

600 cm x 10 cm

2 items per carton / 8 cartons per pallet

120 cm x 15 cm

30 items per carton / 2 cartons per pallet

Further lengths available upon request

FLEECE BOOMS

300 cm x 15 cm

25 items per carton / 2 cartons per pallet

FLEECE BOOMS

- The packaging to dam up
- Developed for water applications
- DEUREX PURE in this packaging unites the benefits of our adsorbent with those of a barrier and those of an adsorbent fleece
- The cover is an extremely robust and adsorbent fleece
- Carabiner allow easy linking to barriers
- Booms float durably even when saturated



MATS

- The packaging against leakages and for preventative purposes
- DEUREX PURE covered by a thin fleece
- Very fast adsorption and distribution due to greater surface area

SMALL MATS

50 cm x 50 cm
25 items per carton

LARGE MATS

50 cm x 80 cm
50 items per carton





DUCT COVERS

- Protection of water intakes against liquid pollutions
- Available in round and square shape
- Cover is made of robust fleece material
- Bails allow easy handling

DUCT COVERS ROUND

60 cm diameter
4 items per carton

DUCT COVERS SQUARE

50 cm x 50 cm
4 items per carton

LEAKAGE SETS



- Protection against hazardous materials
- Fast and efficient adsorption
- Great surface area
- Big carry handles allow easy handling
- Cover is made of robust fleece material
- Including gloves and bin bag

LEAKAGE SETS

70 cm x 50 cm

25 items per carton / 4 cartons per pallet



NET BLOCK AND NET BAG



- Mesh allows direct contact with DEUREX PURE
- Extremely fast adsorption
- Stable carry handles ease the handling

NET BLOCK

50 cm x 50 cm x 20 cm = 5 kg DEUREX PURE
30 items per carton / 2 cartons per pallet

NET BAG

30 cm x 60 cm = 4 kg DEUREX PURE
25 items per carton / 2 cartons per pallet







DEUREX PURE
The oil and chemical adsorbent.



MATS AND DUCT COVERS
The packaging against leakages and for preventative purposes.



PLASTIC BUCKETS
Perfect to dose DEUREX PURE.



LEAKAGE SETS
The product to protect against hazardous materials.



PAPER BAGS
For everyone who needs great amounts of the loose product.



NET BLOCKS AND NET BAGS
The stable packaging for all water applications.



NET BOOMS
DEUREX PURE covered by an extremely stable net.



FLEECE BOOMS
The 3in1-product to dam up.

SAFETY DATA

Further information on all mentioned products can be found in the Material Safety Data Sheets. All current toxicological and ecological values and properties are listed in the MSDS.

The MSDS provide information on hazard class designations, safety measures, exact handling and storing as well as information on disposal regulations.

PLEASE NOTE

All data are based on our current knowledge and inform about our products and their applications. There is no assurance for certain properties and their suitability for certain applications. The customer is responsible to care for the necessary safety measures and to ensure the appropriate handling of the product. Existing industrial property rights have to be considered.

An unobjectionable quality is assured within the scope of our general terms and conditions.



TM.

DEUREX[®]

THE WAX COMPANY

DEUREX AG

Dr.-Bergius-Straße 8-12

D-06729 Elsteraue

T +49 (0) 34 41 - 8 29 29 21

F +49 (0) 34 41 - 8 29 29 28

www.deurex.com

info@deurex.com