



# **Safety Sheet and Registration at the German Federal Environmental Agency**

## **Pro Deur Plus**

**Odour Reduction and Dust Binding Agent**

**Emergency Phone: +49 (0) 172/36 12 656**

Status: 1.8.2011



## **ABOUT THE UDO OELER PRODUCT AND SERVICE LINE:**

### **Odour absorber with biological degradation properties**

Natural concentrates are used for an odour reduction and dust binding with biological degradation properties. These degradable substances are harmless for human, animal and environment.

The technology has been developed to solve special existing problems. On account of the compounds of odour absorbers and the specially developed technology, arising problems of odours and dust binding will be eliminated in a rapid and effective manner.

This, however, is dependent on the problems to be solved.

#### **The scope of my activity is:**

- Consultancy to solve problems in the range of odours and dust binding
- Technical development and installation of plants to reduce odours and dust binding
- Leasing of plants to reduce odours and dust binding
- Re-activation and treatment of biofilters
- Sale of biologically degradable products
- Services in the above mentioned range

#### **The odour absorber is recommended to be used with problems in:**

- Compost plants
- Sewage treatment plants
- Landfills
- Water treatment
- Transport and distribution by trucks
- Paper plants
- Biogas plants
- Biofilter
- Grease separator
- Slaughterhouses
- Hospitals
- Hotel outdoor facilities
- Carcass disposal plants
- Wood and rubbish recycling plants
- Re-development of soils

#### **Solutions:**

- a) Mobile and stationary plants (manually operated)



- b) Mobile and stationary plants (semi-automatic and fully automatic operation)
- c) Smallest biofilter for pumping stations, tanks etc.



## ***Pro Deur plus***

### **Odour absorber with biological degradation properties**

#### **Product information:**

Main areas for utilisation are locations and processes where ill-smelling odours arise.

Like e.g. in composting plants during turning of the windrows, cutting of grass, leaves and fruit, when handling the biobin, in the neighbourhood of compost treatment halls and intensive decomposition.

#### **Further utilisations are:**

- transporting of household wastes
- in the acceptance area and other exposed areas of landfills accepting household wastes
- in the range of waste sorting plants
- sewage plants with activated sludge processes, treatment and disposal of sewage sludge
- facilities (acceptance areas, transport areas) e.g. carcass disposal plants and others.

The product consists of potassium oleate on the basis of fatty acids of vegetable origin.

#### **Application:**

The product is diluted by 1 : 1000 up to 3 : 1000 with water according to the individual utilization factor and sprayed with a suitable spray apparatus as a fine spray.

**Shake the product (concentrate) before use.**

#### **Ingredients:**

Potassium oleate, based upon fatty acids of plant origin.

**Registered at the Federal Environmental Agency (Germany): 5669 0001 to 0003**



**Translation of the German Document**

Pro Deur - Page 1 of 4

## EU Safety sheet according to 91 / 155 / EWG

### Pro Deur plus Concentrate

Odour absorber and dust binding agent  
- Biologically degradable to full extent -

#### 1. Name of material / preparation and company

Name of material or preparation:

Product name: Pro-Deur plus

Information as to manufacturer/distributor

**Manufacturer:**

C & PD Umwelttechnik Oelzschau GmbH  
Thomas-Müntzer-Str. 6  
04579 Espenhain OT Oelzschau  
GERMANY

Telephone: +49 (0) 34347 / 51025

Fax: +49 (0) 34347 / 51024

Emergency phone: +49 (0) 172 / 3612656

#### 2. Composition / information regarding ingredients

Chemical characteristics / description:

Potassium oleate based on fatty acids of  
plant origin

#### 3. Possible dangers

Special indication of dangers

none

Danger symbol

none

#### 4. First-aid measures (adherence to usual precautions for the handling with chemicals)

General advices

Intake of breath:

can be omitted

Skin contact:

rinse thoroughly with water

Eye contact:

rinse thoroughly with water, if necessary  
consulting a doctor

Swallowing:

consult a doctor immediately, no vomiting,

danger of suffocation through foam formation



## 5. Measures at fire-fighting

Suitable extinguishing agents:	carbon dioxide (CO <sub>2</sub> ), foam, dry chemical agent
Not suitable extinguishing agents for safety reasons:	none
Dangerous degradation products:	none
Special protective gear at fire-fighting:	no special measures necessary
Special information regarding extinction:	none

## 6. Measures at accidental release

Measures to protect the environment:	none
Measures related to persons:	not necessary
Special protective gear at fire-fighting	no special measures necessary
Special indication for fire extinguishing:	none

## 7. Handling and Storage

Handling:	Appropriate handling needs
Technical measures/ precaution	no special measures
Storage:	Storage in frost-free containers
Technical measures / packaging material	keep containers/packages closed

## 8. Limitation of exposition and personal protection gear

Technical protection measures:	see above item 7
Exposition value (s)	
Personal protection gear	
Respiratory protection, hand protection, Eye protection	
Body protection:	avoid contact
Hygienic measures:	washing hands



## 9. Physical and chemical properties

Aggregate condition:	liquid
Colour:	light yellow
Odour:	slightly soap-like
Melting point:	not defined
Boiling point:	not defined
Degradation temperature:	not defined
Spontaneous ignition:	none
Autoignition temperature:	not defined
Explosion danger:	none
Relative density:	1.02 g / ccm
Water solubility:	can be mixed in any ratio with water
Alcohol solubility:	can be mixed in any ratio with alcohol
pH-value:	10.5

## 10. Stability and reactivity

Thermal degradation / dangerous reactions:	no degradation if used according to requirements
Dangerous degradation products:	no dangerous degradation products

## 11. Statements referring to toxicology

Notice:	the product is not subject to labelling due to the EG-lists, latest amendment
---------	---

## 12. Statements referring to ecology

Notice:	completely biologically degradable
---------	------------------------------------

## 13. Information about disposal

Product:	disposal due to official requirements
Not cleaned packaging:	disposal due to official requirements

## 14. Information about transport



## Pro Deur - Page 4 of 4

No dangerous goods in terms of transport regulations

### 15. Regulations

Labelling pursuant GefStoffV/EG:	pursuant Hazardous Substances Ordinance of 04/5/2005 is the product not subject to labelling
National Standards: VbF / TA Luft (Technical Data Sheet Air)	
Water endangerment category:	WGK O (self-assessment)
Other Regulations:	none

### 16. Other statements

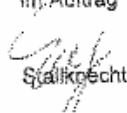
The concentrate shall be used only as a solution diluted with water

The statements in this safety sheet correspond to the best of our knowledge as of printing. They shall give indication for a safe handling of the product, described in this safety sheet, when it comes to storage, processing, transport and disposal. These statements cannot be applied on other products. In so far as the product named in this safety sheet will be mixed or processed with other materials, except with water, the statements given in this safety sheet cannot be applied on this processed new material if nothing else is explicitly arising hereof.





Translation of the Registration Document at the German Environmental Protection Agency.  
Original document see next page

<b>Umweltprüfung Arzneimittel, Wasch- u. Reinigungsmittel (nach § 9 WRMG)</b>	<b>EINGEGANGEN</b> 30. April 2004 Erled.	<b>Umwelt Bundes Amt</b> für Mensch und Umwelt
<small>Umweltprüfungsstelle</small> Firma C & PD Umwelttechnik Oelzschau GmbH Thomas-Müntzer-Str. 6 04579 Oelzschau	<small>Postfach 33 00 22</small> Datum: Bearbeiterin: Tel.-Durchwahl: Geschäftszeichen:	Berlin, den 27.04.2004 Stallknecht 030/8903-3158, Fax: -3598 IV 1.2-20113-1/5669 <small>(Bitte stets angeben!)</small>
<b>Mitteilungsverfahren gem. § 9 Wasch- und Reinigungsmittelgesetz (WRMG)</b>		
Ihr Schreiben vom 13.10.03		
Sehr geehrte Damen und Herren,		
wir bestätigen hiermit den Eingang Ihrer Mitteilung(en) mit der/den Anmelde(n)nummer(n) <b>5669 0001 bis 0003.</b>		
Ihre Mitteilungen entsprechen den nach § 9 Abs. 2 (Nr. 1 bis 6) Wasch- und Reinigungsmittelgesetz geforderten Regelmittlungen (Grundmittlungen), die in der Verfahrensregelung vom 25.02.1989 (Punkt 4.2.1) im Einzelnen aufgeführt sind.		
Bitte beachten Sie, dass Änderungen der nach § 9 Abs. 2 mitgeteilten Angaben der Mitteilungspflicht unterliegen (§ 9 Abs. 3 Satz 1). Dies gilt ebenso für den Fall, dass Sie die Herstellung / Einführung / Verbringung von Wasch- und Reinigungsmitteln im Geltungsbereich dieses Gesetzes einstellen sollten.		
Mit freundlichen Grüßen im Auftrag  Stallknecht		



**Information project following § 9 Detergent Law (WRMG)**

**Your letter of 10/13/03**

Dear Sirs,

We herewith confirm receipt of your information with the application no.

**5669 0001 to 0003**

Your information corresponds to the requirements of § 9 para 2 (no. 1 to 6) of the Detergent Law which are listed in the method's regulation as of 02/25/1989 (item 4.2.1).

Please observe that alterations of the statements given following § 9 para 2 are subject to the duty of notification (§ 9 para 3 clause 1). This is also valid if you wish to cease production, introduction, transporting of detergents in the scope of this law.

Kind regards

*Federal office of the environment*

*Stallknecht*