



1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier: OELBINDER ABSODAN PLUS
Diatomaceous earth (moler) granulated, calcined

1.2 Application: Absorbents

1.3 Details of the supplier of the safety data sheet: Eni Schmiertechnik GmbH
Paradiesstr. 14, D-97080 Würzburg
Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442
<http://www.enischmiertechnik-datenblaetter.de>

Advising/Support: Technical Department, Tel. (+49) 931 900 98-145
technik.wuerzburg@agip.de

2. Hazards identification.

2.1 Classification of the substance or mixture: This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC.

2.2 Label elements: None

2.3 Other hazards: This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

3. Composition/information on ingredients.

3.1 Substances:

Chemical name	CAS-No.	EC-No.	%	Note
Diatomaceous earth, calcined	91053-39-3	293-303-4	100	None

4. First aid measures.

4.1 Description of first aid measures:

Skin: No special first aid measures necessary.

Eye/face protection: Rinse with copious quantities of water and seek medical attention if irritation persists.

Inhalation: Movement of the exposed individual from the area to fresh air is recommended.

Ingestion: No first aid measure required.

4.2 Most important symptoms and effects, both acute and delayed: No acute and delayed symptoms and effects are observed.

4.3 Indication of any immediate medical attention and special treatment needed: No specific actions are required.

5. Fire fighting measures.

5.1 Extinguishing media:
Suitable extinguishing media: No specific extinguishing media is needed.
Unsuitable extinguishing media: No restriction on the extinguishing media to be used.

5.2 Special hazards arising from the substance or mixture: Non combustible. No hazardous thermal decomposition.

5.3 Advice for fire fighters: No specific fire fighting protection is required.

6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures: Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation. See EN 143: 2000.

6.2 Environmental precautions: No special requirements.

6.3 Methods and material for containment and cleaning up: Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.



6.4 Reference to other sections: See sections 8 and 13.

7. Handling and storage.

- 7.1 Precautions for safe handling: Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier.
- 7.2 Conditions for safe storage, including any incompatibilities: Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.
- 7.3 Specific end use(s): If you require advice on specific used, please contact your supplier.

8. Exposure controls/personal protection.

Control parameters: Follow workplace regulatory exposure limits for all types of airborne dust (e. g. total dust, respirable dust).

Austria		Bundesministerium für Arbeit und Soziales	Maximale Arbeitsplatzkonzentration (MAK)
Belgium	3	Ministère de l'Emploi et du Travail	
Bulgaria	1	Ministry of Labour and Social Policy and Ministry of Health. Ordinance no13 of 30/12/2003	Limit values
Cyprus		Department of Labour Inspection. Control of factory atmosphere and dangerous substances in factories, Regulations of 1981.	
Czech Republic	/	Governmental Directive no441/2004	
Denmark	1,5	Direktoratet for Arbejdstilsynet	Threshold Limit value (TLV)
Estonia			
Finland	5	National Board of Labour Protection	Occupational Exposure Standard
France		Ministère de l'Industrie (RGIE) Ministère du Travail	Empoussiérage de référence Valeur limite de Moyenne d'Exposition
Germany		Bundesministerium für Arbeit	Maximale Arbeitsplatzkonzentration (MAK)
Greece			
Hungary			
Ireland		2002 code of Practice for the Safety, Health & Welfare at Work (CoP)	
Italy		Associazione Italiana Degli Igienisti Industriali	Threshold Limit Values (based on ACGIH TLVs)
Lithuania		Dél Lietuvos higienos normos HN 23:2001	Ilgalaikio poveikio ribinė vertė (IPRV)
Luxembourg		Bundesministerium für Arbeit	Maximale Arbeitsplatzkonzentration (MAK)
Malta		OHSA – LN120 of 2003, www.ohsa.org.mt	OELVs
Netherlands		Ministerie van Sociale Zaken en Werkgelegenheid	Publieke grenswaarden http://www.ser.nl/en/oel_database.aspx
Norway	1,5	Direktoratet for Arbejdstilsynet	Administrative Normer (8HTWA) for Forurensing I Arbeismiljøet
Poland	2		
Portugal		Instituto Portuges da Qualidade, Hygiene & Safety at Workplace NP1796:2007	Valores Limite de Exposiçã (VLE)
Rumania		Government Decision no 355/2007 regarding workers' health surveillance Government Decision no 1093/2006 regarding carcinogenic agents (in Annex 3: Quartz, Cristobalite, Tridymite).	OEL
Slovakia			
Slovenia			
Spain		Instrucciones de Técnicas Complementarias	Valores Limites



		(ITC) Orden ITC/2585/2007	
Sweden		National Board of Occupational Safety and Health	Yrkeshygieniska Gransvärden
Switzerland			Valeur limite de Moyenne d'Exposition
UK	1,2	Health & Safety Executive	Workplace Exposure Limits (WEL)

8.2 Exposure controls:	Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e. g. by isolating personnel from dusty areas. Remove and wash soiled clothing.
Eye/face protection:	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.
Skin protection:	No specific requirement. For hands, see below. Appropriate protection (e. g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.
Hand protection:	Appropriate protection (e. g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.
Respiratory protection:	In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation.
Environmental exposure controls:	Avoid wind dispersal.

9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties:

Appearance:	Granules
Odour:	Odourless
Odour threshold:	Not applicable
pH-value:	5,5
Melting/freezing point:	> 1360°C
Initial boiling point and range:	Not relevant
Flashpoint:	Not applicable. Solid with melting point > 1360°C
Evaporation rate:	Not applicable. Solid with melting point > 1360°C
Flammability:	Not flammable (not combustible)
Upper/lower flammability or explosive limits:	Not explosive
Vapour pressure:	Not applicable. Solid with melting point > 1360°C
Vapour density:	Not applicable
Relative density:	2,3 g/cm ³
Solubility(ies):	Negligible
Partition coefficient (n-octanol/water):	Not applicable (inorganic substance)
Auto-ignition temperature:	Not flammable
Decomposition temperature:	Not relevant
Viscosity:	Not relevant
Explosive properties:	Not applicable. Solid with melting point > 1360°C
Oxidising properties:	Not applicable
9.2 Other information:	No other information

10. Stability and reactivity.

10.1 Reactivity:	Inert, not reactive.
10.2 Chemical stability:	Chemically stable.
10.3 Possibility of hazardous reactions:	No hazardous reactions.
10.4 Conditions to avoid:	Not relevant.



10.5 Incompatible materials:	Hydrofluoric acid
10.6 Hazardous decomposition products:	No danger of hazardous decomposition.

11. Toxicological information.

11.1 Information on toxicological effects:	
Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT single exposure:	Based on available data, the classification criteria are not met.
STOT repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Information on likely routes of exposure:	Based on available data, the classification criteria are not met.
Symptoms related to the physical, chemical and toxicological characteristics:	Based on available data, the classification criteria are not met.
Delayed and immediate effects:	Based on available data, the classification criteria are not met.
Interactive effects:	Based on available data, the classification criteria are not met.
Absence of specific data:	None.
Mixture versus substance information:	Based on available data, the classification criteria are not met.
Other information.	None.

12. Ecological information.

12.1 Toxicity:	Not relevant
12.2 Persistence and degradability:	Not relevant
12.3 Bioaccumulative potential:	Negligible
12.4 Mobility in soil:	Negligible
12.5 Results of PBT and vPvB assessment:	Not relevant
12.6 Other adverse effects:	No specific adverse effects known.

13. Disposal considerations.

13.1 Methods of waste treatment/disposal:	Where possible, recycling is preferable to disposal. Can be disposed on in compliance with local regulations.
Packaging:	Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.
Sewage disposal:	Sewage disposal shall be discouraged.
Special precautions:	Disposal should be carried out in agreement with regional waste regulation. If the granulates had been used for absorption then disposal must be in according to the regulations in force for disposal of the absorbed fluid.

14. Transport information.

14.1 UN number:	Not relevant
14.2 UN proper shipping name:	The substance is not listed on the Dangerous Goods list.



14.3 Transport hazard classes:

ADR: Not classified
IMDG: Not classified
ICAO / IATA: Not classified
RID: Not classified

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not relevant

14.6 Special precautions for user: No special precautions

14.7 Transport in bulk according to
Annex II of MARPOL 73/78 and the
IBC-Code:

Technical name is Diatomaceous Earth. No special transport classification in effect.

15. Regulatory information.

15.1 Safety, health and environmental
regulations/legislation specific for
the substance or mixture:

None

15.2 Chemical safety assessment:

Exempted from REACH Registration in accordance with Annex V.7.

16. Other information.

This information relates only to the specific product and may not be valid if the product is used in combination with any other material or in any process.

The informations in this sheet are according to our best knowledge at the date of printing.