



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

Product identifier: AUTOL ABSODAN UNIVERSAL  
 Diatomaceous earth (moler) granulated, calcined

Application: Absorbents

Details of the supplier of the safety: Eni Schmiertechnik GmbH  
 data sheet: Paradiesstr. 14, D-97080 Würzburg  
 Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442  
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Advising/Support: Technical Department, Tel. (+49) 931 900 98-145  
 technik.wuerzburg@agip.de

## 2. Hazards identification.

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.  
 Depending on the type of handling and use, airborne dust may be generated  
 Occupational exposure to dust should be monitored and controlled.  
 The product should be handled with care to avoid dust generation.  
 Regulation (EC) 1272/2008: No classification.  
 Classification EU (67/548/EEC): No classification

Label elements: None

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.

Substances:

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

## 4. First aid measures.

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.

Burns: Rinse with water until pain stops. If medical treatment is necessary, proceed to rinse with water until a doctor has taken over the patient.

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

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

## 5. Fire fighting measures.

Extinguishing media: No specific extinguishing media is needed.

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

Advice for fire fighters: No specific fire fighting protection is required. Product is not combustible.



## 6. Accidental release measures.

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:	Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.
For emergency responders:	Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.
Environmental precautions:	No special requirements.
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.
Reference to other sections:	See sections 8 and 13.

## 7. Handling and storage.

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 or check the Good Practice Guide referred to in section 16.
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.
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).
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.
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.
Thermal hazards:	None.
Environmental exposure controls:	Avoid wind dispersal.

## 9. Physical and chemical properties.

Information on basic physical and chemical properties:

Appearance:	Granules
Odour:	Odourless
Odour threshold:	Not relevant
pH-value:	5,5
Melting/freezing point:	> 1380°C
Initial boiling point and range:	Not relevant
Flashpoint:	Not relevant
Evaporation rate:	Not relevant
Flammability:	Not relevant



Upper/lower flammability or explosive limits:	Not relevant
Vapour pressure:	Not relevant
Vapour density:	Not relevant
Relative density:	2,3 g/cm <sup>3</sup>
Solubility(ies):	Not relevant
Partition coefficient (n-octanol/water):	Not relevant
Auto-ignition temperature:	Not relevant
Decomposition temperature:	Not relevant
Viscosity:	Not relevant
Explosive properties:	Not relevant
Oxidising properties:	Not relevant
Other information:	None

### 10. Stability and reactivity.

Reactivity:	Inert, not reactive.
Chemical stability:	Chemically stable.
Possibility of hazardous reactions:	No hazardous reactions.
Conditions to avoid:	Not relevant.
Incompatible materials:	No particular incompatibility.
Hazardous decomposition products:	Not relevant.

### 11. Toxicological information.

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.

Toxicity:	Not relevant
Persistence and degradability:	Not relevant
Bioaccumulative potential:	Not relevant
Mobility in soil:	Negligible



Results of PBT and vPvB assessment: Not relevant  
Other adverse effects: No specific adverse effects known.

### 13. Disposal considerations.

Methods of waste treatment/disposal: Materials not used can be disposed on a controlled place of discharge as normal disposal. After use the materials must be disposed according to the regulations in force for disposal of the absorbed fluid.

Physical/chemical properties that may affect waste treatment: Disposal should be carried out in agreement with regional waste regulation. If the granulates had been used for absorption then disposal must be in accordance to the regulations in force for disposal of the absorbed fluid.

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 accordance to the regulations in force for disposal of the absorbed fluid.

### 14. Transport information.

UN number: Not relevant  
UN proper shipping name:  
Transport hazard classes:  
ICAO/IATA: Not classified  
RID/ADR/IMDG: Not classified  
Packing group: Not relevant  
Environmental hazards: Not relevant  
Special precautions for user: No special precautions  
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code: Not relevant

### 15. Regulatory information.

Safety, health and environmental regulations/legislation specific for the substance or mixture: None  
Water hazardous class (WGK): Non water hazardous material  
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.