

Safety Data Sheet

ÖLBINDER UNIVERSAL

Regulations	Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)
Printing Date	19/05/2015
Version	4.1 2014-01-01

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

1.1	Product identifier	Diatomaceous earth (moler) granulated, calcined
1.2	Application	Absorbents
1.3	Details of the supplier of the safety data sheet	EUROLUB GmbH Freisinger Strasse 25-27 D-85386 Eching info@eurolub.com
1.4	Emergency telephone number	+49 8165/9591-0 (during office hours)

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 Depending on the type of handling and use, airborne dust may be generated. Occupational exposure to dust should be monitored and controlled. This product should be handled with care to avoid dust generation.
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	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

Inhalation	medical attention if irritation persists.
Ingestion	Movement of the exposed individual from the area to fresh air is recommended.
Burns	No first-aid measure required.
4.2 Most important symptoms and effects, both acute and delayed	Not relevant
4.3 Indication of any immediate medical attention and special treatment needed	No acute and delayed symptoms and effects are observed.
	No specific actions are required.

5. Firefighting measures

5.1 Extinguishing media	No specific extinguishing media is needed.
5.2 Special hazards arising from the substance or mixture	Non combustible. No hazardous thermal decomposition.
5.3 Advice for firefighters	No specific fire-fighting protection is required. Product is not combustible.

6. Accidental release measures

6.1 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.
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 uses, please contact your supplier.

8. Exposure controls/personal protection

8.1 Control parameters	Follow workplace regulatory exposure limits for all
------------------------	---

	types of airborne dust (e.g. total dust, respirable dust).
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/faceprotection	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.
Respiratoryprotection	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

9.1 Information on basic physical and chemical properties

Appearance	Granules
Odour	Odourless
Odour threshold	Not relevant
pH (10% aqueous suspension)	5,5
Melting point/freezing point	> 1360°C
Initial boiling point and boiling range	Not relevant
Flash point	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 ³
Solubility(ies)	Negligible
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
9.2 Other information	None.

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	No particular incompatibility.
10.6 Hazardous decomposition products	Not relevant

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	Not relevant
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	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 according 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 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	Not relevant
14.3 Transport hazard class(es)	
ICAO / IATA	Not classified
RID	Not classified
ARD	Not classified
IMDG	Not classified
14.4 Packing group	Not relevant
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 MARPOL73/78 and the IBC Code	Not relevant

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

Change Log	First Edition
Abbreviations	None
key literature references and sources for data	None
Education	Workers must be trained in the proper use and handling of this product as required under applicable regulations.
H-Statements	None
P-phrases	None
R phrases	None
S-Phrases	None
EUH Statements	None
For information	Such information is to the best of Damolin A/S knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.