



TECHNICAL DATA SHEET

Product :	Loose sorbent ABSODAN
Date of issue:	3.7.2015
Recommended use	Loose ceramic (moler) sorbent for spills of dangeroud liquids excepting hydrofluoric acid HF and high concentrated solutions of natrium hydroxide NaOH

Product description	Units	Absodan Plus		Absodan Universal	Absodan Superplus
Code		DN1	DN 12	DN2	DN3
Colour		orange		orange	orange
Classification MPA NRW		III/R			
Composition		Calcinated moler		Calcinated moler	Calcinated moler
Abs. Capacity - oil	l	11	22	15	14
Abs. Capacity - water	l	13	26	25	16
Bulk density	g/l	507		505	532
Expiration		No limits		No limits	No limits

Sieve analysis	particles	content	particles	content	particles	content
	≥ 1,5 mm	0,20%	≥ 4,0 mm	0,30%	≥ 0,8 mm	0,20%
	1,0 mm	40%	3,0 mm	5,80%	0,7 mm	10,10%
	0,5 mm	55%	1,0 mm	91,00%	0,5 mm	44,50%
	0,09 mm	0,80%	0,5 mm	2,30%	0,3 mm	37,40%
					0,2 mm	6,50%
					0,063 mm	1,20%

Packaging description			
Type of packaging	PE bag		PE bag
Weight per pack	kg	10	20
Dimensions of pack	cm	43/78 × 40 × 12	
Number of packs/palett	pcs	78	39



Use instruction:

Pour the granules around the rings leaked liquids to prevent the spreading of the pollution. Then pour sufficient amount of the sorbent on the liguid such way to be completely absorbed. Used sorbent sweep away and pour into the suitable PE vessel or bag. Disposal of the used sorbent is recommended according to the type of absorbed fluid.

SAFETY INFORMATION	
COMPOSITION/INGREDIENTS	
Composition	Calcinated moler Contains no dangerous substances SiO ₂ (75%), Al ₂ O ₃ (10%), Fe ₂ O ₃ (6%), TiO ₂ (1%), MgO (2%), CaO (1%), K ₂ O + Na ₂ O (2%)
CAS No:	68855-54-9
HAZARD IDENTIFICATION	
Classification of the substance Information pertaining particulate dangers for human	Products are not classified as dangerous Product does not any acute or chronic adverse effect on human health under ordinary handling conditions
General advise Inhalation Skin contact Eye contact Swallowing	FIRST AID MEASURES In case of health troubles, seek medical advise Remove to fresh air if feeling sick Wash skin with soap and water Wash with water, medical care if neccessary Drink plenty of water. By ingestion of large quantities endeavour to vomit.
FIRE FIGHTING MEASURES	
Suitable extinguishing media Avoided extinguishing media Specific danger Personal protective appliances Further informations	Water Not relevant Non-combustible None special If accident occurs with used granulates, follow directions issued by the manufacturer of the absorbed liquid
ACCIDENTAL RELEASE MEASURES	
Personal protective appliances Precaution for environment protection Recommended methods for cleaning and disposal	Dust mask is recommended for hygienic reason Sweep up the spillage, place in suitable container No disposal for the clear product. Disposal of the used product should be done based on recommendation from material safety data sheets of substances which were absorbed
PHYSICAL AND CHEMICAL PROPERTIES	
Physical state at 20 °C Colour Odour pH value Flammability Density Solubility in water (g/l) Solubility in fats (g/l)	solid porous granules redbrown no odour 5,5 Products is inflammable 495 kg/m ³ insoluble insoluble
STABILITY AND REACTIVITY	
Recommended use conditions Conditions to avoid Material not recommended to be in contact with the products Hazardous decomposition prod.	The product is stable at normal conditions Storing in humid conditions The products are chemical inert to all fluids except hydrofluoric acid HF and high concentrated natrium hydrofide NaOH solution. Not known

TOXICOLOGICAL PROPERTIES

<i>Effects dangerous to health</i>	The products have no toxical impact
<i>Inhalation</i>	Inhalation of the dust may cause irritation of the respiratory tract
<i>Ingestion</i>	Ingestion of large quantity may cause vomiting.
<i>Skin</i>	No known effects
<i>Eyes</i>	Irritation may arise
<i>Longterm and chronic effects</i>	Not known effects

DISPOSAL

Clean granules can be disposed on a controlled place of discharge as normal disposal. After use the granules should be disposed according to the regulations valid for the absorbed fluid.

Sorbent contaminated by oil derivatives is possible to discharge by biotechnology methods.