

**ABSONET MULTISORB****Material Safety Data Sheet**

According to Regulation (EC) 1907/2006 and Regulation (EC) 453/2010

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the substance/mixture:	ABSONET MULTISORB
CAS Number:	93685-99-5
EC number:	297-648-1
REACH Registration number:	Pre-registered

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

This material should only be used for industrial purposes.  
Absorbent

**1.3. Details of the supplier of the safety data sheet**

Manufacturer/Supplier:	Grupo TOLSA
Address:	Núñez de Balboa, 51 E-28001 MADRID - Spain
Telephone:	(00 34) 91 322 01 00
Fax:	(00 34) 91 322 01 01
E-mail:	<a href="mailto:reach@tolsa.com">reach@tolsa.com</a>
<b>1.4. Emergency telephone number</b>	(00 34) 91 360 69 00 (9.00 – 17.00)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to directives 67/548/EEC and 1999/45/EC**

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

**Classification according to Regulation (EC) 1272/2008**

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

**2.2. Label Elements****Labelling according to directives 67/548/EEC and 1999/45/EC**

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

**Labelling according to Regulation (EC) 1272/2008**

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

**2.3. Other hazards**

This product may generate dust during handling and use. This product may contain quartz (crystalline silica). Long term overexposure to crystalline silica dust may cause silicosis.

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**SECTION 3: Composition/information on ingredients****3.1. Substance/preparation**

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This product may contain crystalline silica in quantity up to 3%.

Alganite is not listed as dangerous substance in the Annex I of Directive 67/548/EEC as amended, not listed in Annex VI of Regulation (EC) 1272/2008.

**SECTION 4: First aid measures****4.1. Description of necessary first aid measures**

In case of inhalation :

Allow resting in a well-ventilated area if high concentration is inhaled and mechanical irritation or discomfort occurs. Seek medical attention if irritation persists.

In case of contact with skin :

Wash with mild soap and water and rinse with plenty of water.

IF IN EYES:

Rinse with plenty of water. Seek medical advice if irritation persists..

In case of ingestion:

Symptomatic treatment and seek medical advice in case of prolonged discomfort.

Individual protection of the person providing first aid :

No information available.

**4.2. Most important symptoms and effects, both acute and delayed**

Most important symptoms and effects, both acute and delayed : Mechanical Irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

Indication of any immediate medical attention and special treatment needed : No information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing Media**

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable extinguishing media: For safety reasons do not use full water jet.

**5.2. Special hazards arising from the substance or mixture**

Special hazards arising from the substance or mixture: None special

**5.3. Advice for firefighters**Protective equipment and actions: No special requirements.  
Do not allow spillage of fire will be poured into drains or watercourses.

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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel:

Avoid dust formation  
Avoid breathing dust and contact with eyes  
Use respiratory protection if high dust conditions, chemical resistant gloves and safety glasses

For emergency responders:

None special

**6.2. Environmental precautions**

Environmental precautions:

Do not discharge into any drains, surface waters or groundwaters.

**6.3. Methods and material for containment and cleaning up**

Methods and material for containment and cleaning up:

Scoop up or vacuum soil spillages, if appropriated, use gentle water spray to wet down  
Ventilate area and wash spill site after material pickup is complete.  
Place in a closed container prior to disposal. Dispose of in accordance with current laws and regulations.

**6.4. Reference to other sections**

Reference to other sections :

No information available.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Recommendations:

Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.

Advice on general occupational hygiene:

Provide suitable air extraction ventilation in the work areas.  
Observe the rules of hygiene and safety at work.

Other information:

Keep only in the original container.

**7.2. Conditions for safe storage, including any incompatibilities**

Conditions for safe storage, including any incompatibilities:

Store in dry area  
Keep away from incompatible materials (see section of incompatibility).  
Do not store this material near food or drinking water.  
To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area.

**7.3. Specific end use(s)**

Specific end use(s):

None.

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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

This product has no specific Occupational Exposure Limit (OEL).  
Respect regulatory provisions for dust (inhalable and respirable)

**8.2. Exposure controls**

Appropriate engineering controls :	General ventilation. Local exhaust ventilation is recommended to keep airborne dust levels below exposure limits
Individual protection measures, such as personal protective equipment :	
Eye/face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
Skin protection :	Light protective clothing recommended. Wash contaminated clothing before reuse.
Hand protection:	Avoid inhalation and contact with skin and eyes. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Other:	Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeslids and protective clothing.
Respiratory protection:	Use air-purifying dust respirator if airborne dust concentration is above exposure limits. In the case of brief exposure, use a device filter.
Thermal hazards :	No information available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance:	Cream to grey granules
Odour:	Odourless
pH :	10-12
Melting point:	1200°C
Boiling Point :	No information available.
Flash Point:	No information available.
Evaporation Rate :	No information available.
Flammability (solid, gas) :	No information available.
Upper/lower flammability or explosive limits :	No information available
Lower and upper explosive (flammable) limits :	No information available
Vapor pressure at 20°C :	No information available.
Vapor density :	No information available.
Relative density:	~2
Solubility(ies) :	Insoluble in water
Partition coefficient: n-octanol/water :	No information available.
Auto-ignition temperature :	No information available.
Decomposition temperature :	No information available.
Viscosity :	No information available.

**9.2. Other information**

Other information : No information available.

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**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity : None hazardous reactions are expected

**10.2. Chemical stability**

Chemical stability : This product is stable in normal conditions.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions : None hazardous reactions are expected

**10.4. Conditions to Avoid**

Conditions to Avoid: No special requirements.

**10.5. Incompatible materials**

Incompatible materials: None known

**10.6. Hazardous decomposition products**Hazardous decomposition products: No hazardous decomposition or by-products are expected but one of their natural components may generate CO<sub>2</sub> by reaction with acids or by thermal decomposition.**SECTION 11: Toxicological information****11.1. Information on toxicological effects**Information on toxicological acute effects : May cause eye irritation if exposed to large amounts of dust  
Skin irritation may result from physical contact  
Inhalation of high concentrations may cause irritation

Information on toxicological chronic effects : This product may contain quartz (crystalline silica). In 1997, IARC concluded that the respirable fraction of crystalline silica inhaled from occupational sources can cause lung cancer in humans. However, it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated (IARC Monographs, Vol 68)

In June 2003, the EU Scientific Committee on Occupational Exposure Limits (SCOEL) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis. Therefore preventing the onset of silicosis will also reduce the cancer risk...". (SCOEL SUM Doc 94-final, July 2003)

Other relevant information :

No mutagenic, teratogenic or developmental toxicity effects are known

There is body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits.

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**SECTION 12: Ecological information****12.1. Toxicity**

Toxicity : No specific adverse effects are known

**12.2. Persistence and degradability**

Persistence and degradability : Not biodegradable

**12.3. Bioaccumulative potential**

Bioaccumulative potential : Not bioaccumulative

**12.4. Soil mobility**

Soil mobility : No information available.

**12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment : No information available.

**12.6. Other adverse effects**Other adverse effects: See also Sections 6, 7, 13 and 15  
Avoid contamination of soil, groundwater and surface water.**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste treatment containers : Dispose in a safe manner in accordance with local/national regulations.

Appropriate methods of waste treatment of both substance or mixtures : Dispose in a safe manner in accordance with local/national regulations

Appropriate methods of waste treatment of contaminated packaging : Dispose in a safe manner in accordance with local/national regulations.

Wastewater discharge : No information available.

Community/national/regional provisions relating to waste : No information available.

**SECTION 14: Transport information****14.1. Land Transport (ADR/RID)**

Substance/mixture is not classified as hazardous for transport

**14.2. Sea Transport (IMDG)**

Substance/mixture is not classified as hazardous for transport

**14.3. Air Transport (IATA)**

Substance/mixture is not classified as hazardous for transport

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other : No information available.

Authorisations : No information available.

Usage: : No information available.

**15.2. Chemical Safety Assessment**

Chemical Safety Assessment : No information available.

**SECTION 16: Other information**

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

Reason for revision: Adaptation to CLP Regulation

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*The information in this Material Safety Data Sheet should be provided to all who will use, handle, storage, transport or otherwise be exposed to these products. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by TOLSA. However, TOLSA makes no guarantee or warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information related herein is based in proper handling and anticipated uses and is for the material without chemical additions/alterations Users should make their own investigations to determinate the suitability of the information for their particular purposes.*