



GREENSORB[®] (Floor Absorbent)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 16/10/2012

Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Article
Product name : GREENSORB (Floor Absorbent)

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

1.2.1. Relevant identified uses

Absorbent for liquid spills. Visit www.greensorb.com for more information.

1.2.2. Uses advised against

Do not use with Hydrofluoric acid

1.3. Details of the supplier of the safety data sheet

Sorbent Green LLC
116-C Pendleton Street,
Aiken, SC 29801
USA

1.4. Emergency telephone number

Emergency number : 312-348-6293 (8:00am to 5:00pm CST United States)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

None

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Quartz	(CAS No.) 14808-60-7 (EC no) 238-878-4	0-5	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Quartz	(CAS No.) 14808-60-7 (EC no) 238-878-4	0-5	Acute Tox. 4 (Oral), H302

Respirable: GREENSORB (Montmorillonite Clay) is a natural mineral containing less than 5% total crystalline silica in the form of quartz (sand). **GREENSORB contains only a small amount (less than 0.1%) of respirable crystalline silica. Sampling conducted in our mining and manufacturing facilities have shown exposure levels to be below the occupational exposure limits.**

Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: No special measures required.
First-aid measures after inhalation	: No specific first aid necessary for this route of exposure.
First-aid measures after skin contact	: Wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse opened eye for several minutes under running water.
First-aid measures after ingestion	: Seek medical attention.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Not flammable.
Explosion hazard	: None known.
Reactivity	: None.

5.3. Advice for firefighters

Protection during firefighting	: Firefighters should wear full protective gear.v
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No special measures required.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

None needed.

6.3. Methods and material for containment and cleaning up

For containment : No special measures required.
Methods for cleaning up : Shovel, sweep and/or vacuum up and put in a closed container for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage conditions required.

7.3. Specific end use(s)

Absorbent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quartz (14808-60-7)		
Austria	MAK (mg/m ³)	4 mg/m ³ (when it contains >1% or more of the substance, yearly average)
Belgium	Limit value (mg/m ³)	0.1 mg/m ³
Bulgaria	OEL TWA (mg/m ³)	0.07 mg/m ³
France	VME (mg/m ³)	0.1 mg/m ³ (restrictive limit)
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³
USA IDLH	US IDLH (mg/m ³)	50 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³
Spain	VLA-ED (mg/m ³)	0.1 mg/m ³ (reclassified IARC group 2A to group 1)
Switzerland	VME (TWA) (mg/m ³)	0.15 mg/m ³
The Netherlands	MAC TGG 8H (mg/m ³)	0.075 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	0.1 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	0.3 mg/m ³ (calculated)

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Quartz (14808-60-7)		
Denmark	Grænseværdie (langvarig) (mg/m ³)	0.1 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	0.2 mg/m ³ (blasting and quarrying)
Hungary	AK-érték	0.15 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	0.1 mg/m ³
Lithuania	IPRV (mg/m ³)	0.1 mg/m ³
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	0.1 mg/m ³ (Dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula)
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m ³)	0.3 mg/m ³ (Dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula)
Poland	NDS (mg/m ³)	1.0 mg/m ³ (2% to 50% free crystalline silica)
Romania	OEL TWA (mg/m ³)	0.1 mg/m ³
Slovakia	NPHV (priemerná) (mg/m ³)	0.1 mg/m ³ (in Cristobalite or Tridymite)
Sweden	nivågränsiärde (NVG) (mg/m ³)	0.1 mg/m ³
Canada (Quebec)	VEMP (mg/m ³)	0.1 mg/m ³
Portugal	OEL TWA (mg/m ³)	0.025 mg/m ³
Portugal	OEL chemical category (PT)	A2 - Suspected Human Carcinogen

8.2. Exposure controls

Hand protection	: None needed during normal product handling.
Eye protection	: Protective goggles should be worn if working in dusty conditions.
Skin and body protection	: Wear suitable working clothes.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.

9.1. Information on basic physical and chemical properties

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Physical state	: Solid
Appearance	: Granulate.
Colour	: Brown to buffcolored.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available

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Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: Product does not self-ignite
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 608.69 kg/m ³ @20°C
Solubility	: Insoluble.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is non-explosive and non-reactive
Oxidising properties	: Product is non-oxidizing
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Do not use with Hydrofluoric Acid or Highly-Concentrated Hydroxide.

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10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Quartz (14808-60-7)

LD50 oral rat	500 mg/kg
ATE (oral)	500 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

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SECTION 11: Toxicological information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

Not a dangerous good as defined in transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Safe for overland transport. No special precautions needed.

14.6.2. Transport by sea

Safe for transport by sea. No special precautions needed.

14.6.3. Air transport

Safe for air transport. No special precautions needed.

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
H302	Harmful if swallowed

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.