

GREENSORB®

SAFETY DATA SHEET

1. IDENTIFICATION

Product form Article
Product name Greensorb

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

Relevant identified uses Absorbent for liquid spills. Visit www.sorbentgreen.com for more information.

Uses advised against Do not use with Hydrofluoric acid

Details of the supplier of the safety data sheet

Company name Sorbent Green LLC
Address 1214 Whiskey Rd, Suite B
Aiken, SC 29803

Telephone Phone: 800-259-3577
Fax: 803-643-4901

Website www.sorbentgreen.com
E-mail Not available.
Emergency phone number EMERGENCY PH NO: 1-800-535-5053

FOR CHEMICAL EMERGENCY DURING TRANSIT - SPILL, LEAK, FIRE, ACCIDENT AND FOR MEDICAL EMERGENCY INVOLVING HUMAN OR ANIMAL, **CALL INFOTRAC:** DOMESTIC EMERGENCY CONTACT NUMBER: 1-800-535-5053 (24x7, ALL 50 STATES INCLUDING CANADA and MEXICO) INTERNATIONAL EMERGENCY CONTACT NUMBER: 1-352-323-3500 INFOTRAC CONTRACT NUMBER: 107891

2. HAZARDS IDENTIFICATION

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

Labelling according to Regulation (EC) No. 1272/2008 [CLP] None

Other hazards No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances Not applicable

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) 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 17

4. FIRST AID MEASURES

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.

Most important symptoms and effects, both acute and delayed

No additional information available

Indication of any immediate medical attention and special treatment needed

No additional information available

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media

None.

Special hazards arising from the substance or mixture

Fire hazard

Not flammable.

Explosion hazard

None known.

Reactivity

None.

Advice for firefighters

Protection during firefighting

Firefighters should wear full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures

No special measures required.

For non-emergency personnel

No additional information available

For emergency responders

No additional information available

Environmental precautions

None needed.

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.

Reference to other sections

No additional information available

7. HANDLING AND STORAGE

Precautions for safe handling

No special measures required.

Storage conditions

No special storage conditions required.

Specific end use(s)

Absorbent of liquid spills.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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)

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

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. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Granulate.
Colour	Brown to buff-colored.
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
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

Other information No additional information available

10. STABILITY AND REACTIVITY

Other information No additional information available
 Reactivity None.

Possibility of hazardous reactions	Will not occur.
Conditions to avoid	None.
Incompatible materials	Do not use with Hydrofluoric Acid or Highly-Concentrated Hydroxide.
Hazardous decomposition products	None known.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Toxicity	No additional information available
Persistence and degradability	No additional information available
Bioaccumulative potential	No additional information available
Mobility in soil	No additional information available
Results of PBT and vPvB assessment	No additional information available
Other adverse effects	No additional information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TOXICOLOGICAL INFORMATION

Information on toxicological effects

UN number	Not a dangerous good as defined in transport regulations.
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Packing group	Not applicable
Environmental hazards	No supplementary information available.

15. TRANSPORTATION INFORMATION

Special precautions for user

Overland transport

Safe for overland transport. No special precautions needed.

Transport by sea

Safe for transport by sea. No special precautions needed.

Air transport

Safe for air transport. No special precautions needed.

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

Not applicable

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

16. REGULATORY INFORMATION

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

EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

National regulations

No additional information available

Chemical safety assessment

No additional information available

17. 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)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.