



The Chemical Company

Material Safety Data Sheet

MSDS Code: STG-SBD-R

## SORBEAD™ R, WS, H, 22

Revision date: 10/05/06 Date Printed: 10/05/06

**NFPA Classification:**

Health: 0  
Flammability: 0  
Instability: 0  
Special Hazards:

**HMIS Classification:**

Health: 1  
Flammability: 0  
Physical Hazard: 0  
Personal Protection: B

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: Aluminosilicate  
CAS No: 1327-36-2  
Product Use: Desiccant. Adsorbent.

Supplier: BASF - The Chemical Company  
600 E. MCDOWELL ROAD  
JACKSON, MS 39204  
1-800-458-8650

For Chemical Emergency Call CHEMTREC (24 hours):  
1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)  
1-703-527-3887 (Outside Above Area)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient CAS Number	Weight in Percent (%)	Notes
Amorphous Aluminosilica Gel 1327-36-2	100	The synthetic aluminosilicate in this product is amorphous and does not contain any crystalline forms. It should not be confused with crystalline silica or any other naturally occurring forms that normally contain crystalline silica.

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:**

Color: Brown to white  
Form: Beads  
Odor: Odorless  
Flash Point, °C: Nonflammable

**Most Important Hazards:** May irritate eyes. Inhalation may result in respiratory irritation.

**Potential Health Effects:**

- Inhalation:** Exposure to dust particles generated from this material may cause irritation of the respiratory tract. May result in coughing.
- Ingestion:** No adverse health effects are expected from swallowing.
- Skin Contact:** May cause mechanical injury.
- Eye Contact:** May irritate eyes.

**Carcinogenicity:**

Ingredient CAS Number	Weight in Percent (%)	NTP (Y/N)	IARC (See Notes)	OSHA (Y/N)	ACGIH (See Notes)
Amorphous Aluminosilica Gel 1327-36-2	100	N	N3	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

**Chronic Health Hazards:** Prolonged or repeated exposure to dust may cause pulmonary problems.

**Aggravated Medical Conditions:** Pulmonary disorders.

**4. FIRST AID MEASURES**

- Inhalation:** Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Ingestion:** Procedures normally not needed. If large quantities are ingested, seek medical advice.
- Skin Contact:** Procedures normally not needed. If skin contact occurs, flush with plenty of water. Get medical attention if irritation occurs.
- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**5. FIRE FIGHTING MEASURES**

- Flash Point, °C:** Nonflammable
- Autoignition Temperature, °C:** Not Applicable
- Lower Explosive Limit, %:** Not Applicable
- Upper Explosive Limit, %:** Not Applicable
- Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.
- Fire Fighting Procedures:** Positive pressure, self-contained breathing apparatus. Wear full protective clothing.

**Unusual Fire and Explosion Hazards:**

Not a fire or explosion hazard. When handling near flammable gases or vapors, take precautionary measures against static discharges.

**6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:**

Contain spillage. Scoop up or vacuum into a container for reclamation or disposal. Avoid dusting.

**7. HANDLING AND STORAGE**

- Keep container closed.
- Store in cool dry place.
- Keep dry.
- Wash thoroughly after handling.
- Material is slippery if spilled.
- Avoid generating or breathing dust.
- Avoid contact with eyes.
- Use with adequate ventilation.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Amorphous Aluminosilica Gel 1327-36-2	100	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2006 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

**PEL TLV Notes:**

Use the OSHA-PEL for particulates not otherwise specified (nuisance dust), 15 mg/m<sup>3</sup> total dust, 5mg/m<sup>3</sup> respirable fraction. The appropriate ACGIH-TLV for particulates not otherwise specified (PNOS) is 10 mg/m<sup>3</sup> inhalable particulate and 3 mg/m<sup>3</sup> respirable particulate.

**Personal Protective Equipment:**

Safety glasses with side shields. Wear suitable gloves.

**Respiratory Protection:**

Use a NIOSH/MSHA approved respirator as necessary to protect from: dust. If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134).

**Ventilation:**

General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form:** Beads  
**Color:** Brown to white  
**Odor:** Odorless

**Melting Point, °C:** Min: 1000  
**Bulk Density:** 0.4-0.9g/cc  
**Solubility (in water):** Insoluble

**10. STABILITY AND REACTIVITY**

**Stability Data:** Stable  
**Conditions/Hazards to Avoid:** Flammable gas or vapor.  
**Incompatibility (Materials to Avoid):** None anticipated.  
**Hazardous Decomposition Products:** None anticipated  
**Polymerization:** None anticipated.  
**Polymerization - Avoid:** None anticipated.

**11. TOXICOLOGICAL INFORMATION**

**Information on Product:**  
No data available.

**Information on Components:**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>Acute Toxicity - Oral</b>	<b>Acute Toxicity - Inhalation</b>	<b>Acute Toxicity - Dermal</b>	<b>Acute Toxicity - Other</b>
Amorphous Aluminosilica Gel 1327-36-2	100	Not Available	Not Available	Not Available	Not Available

**12. ECOLOGICAL INFORMATION**

**Information on Product:**  
**Environmental Fate:** No data available.  
**Ecotoxicological Information:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**US EPA Waste Number:** Not Regulated  
**Disposal of Waste Method:** Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

**14. TRANSPORT INFORMATION**

**International Transport Regulations:**

**ICAO Class:** Not Regulated

**IMO Class:** Not Regulated

**US Transportation Regulations:**

**DOT Classification:** Not Regulated

**Canadian Transportation of Dangerous Goods (TDG):**

**TDG Classification:** Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories:**

**United States:** This product or its ingredients are listed on or compliant with the TSCA Inventory.  
**Canada:** This product or its ingredients are listed on or compliant with the DSL.  
**Europe:** This product or its ingredients are listed on or compliant with EINECS.  
**Japan:** Not Determined  
**Australia:** This product or its ingredients are listed on or compliant with AICS.  
**Korea:** This product or its ingredients are listed on or compliant with the ECL.  
**Philippines:** This product or its ingredients are listed on or compliant with PICCS.  
**China:** This product or its ingredients are listed on or compliant with the IECSC.

**US Federal Regulations:**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>Subject to SARA 313 Reporting</b>
Amorphous Aluminosilica Gel 1327-36-2	100	No

**SARA 311/ 312 Hazard Categories:**

Acute Health Hazard

**CAA 602 Ozone Depleting Substances (ODS):**

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

**US State Regulations:**

**VOC Content (CARB):** Not Applicable

**Canadian Regulations:**

**WHMIS Classification:**

Not Regulated

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations* .

**16. OTHER INFORMATION**

**Revision number:** 7

**Section(s) Revised in this Version:** Section 1: Chemical Product and Company Identification  
Section 16: Other Information

**Prepared By:** Corporate Environmental Health & Safety Group

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