



MSDS Sheet Supplied by:



## MATERIAL SAFETY DATA SHEET

According to EC Directive 2001/58/EC

### IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

**Product Name:** SODA-LIME GLASS BEADS – ALL GRADES

**Application:** Used in calibration, various industrial applications including blasting media, and functional additives.

**Company:** Whitehouse Scientific Ltd, Whitchurch Road, Waverton, Chester, CH3 7PB, England

**Tel/Fax/Email:** +44 (0) 1244 332626 / +44 (0) 1244 335098 / info@WhitehouseScientific.com

### COMPOSITION / INFORMATION ON INGREDIENTS

**Description:**

Beads made of Soda-Lime glass

**Chemical composition:**

SiO<sub>2</sub> < 75%      Na<sub>2</sub>O < 15%      CaO < 10%      MgO < 5%

**Coating (if applicable):**

Silane based–Not exceeding 1% by volume or weight.

**Cas-Number:** Not applicable

**EINECS-Number:** Not applicable

### HAZARDS IDENTIFICATION

**Eye Contact:** May cause irritation

**Skin Contact:** May cause irritation

**Inhalation:** May cause irritation

**Ingestion:** Not known hazard

**Chronic Hazards:** Not known hazard

**Hazardous Uses/Misuses:** Not known

### FIRST AID MEASURES

**Eye contact:** Flush eyes immediately for at least 15mins

**Skin contact:** Rinse skin with water

**Inhalation:** Remove to fresh air.

If problems persist consult physician.

**Advice to Physician:** Treat according to symptoms present

### FIRE FIGHTING MEASURES

Not applicable – This product is not combustible

### ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** S22: Do not breathe dust  
S25: Avoid contact with eyes  
S38: In case of insufficient ventilation, wear suitable respiratory equipment.  
S51: Use only in well-ventilated areas

**Environmental Precautions:**

Product very slippery when on surfaces.

**Clean-Up Procedure:**

Sweep, Scoop, or vacuum and remove.

### HANDLING AND STORAGE

- Handling:** S22: Do not breathe dust  
S25: Avoid contact with eyes  
S38: In case of insufficient ventilation, wear suitable respiratory equipment.  
S51: Use only in well-ventilated areas
- Storage:** Keep bags and containers well closed.  
Keep dry. Avoid wet conditions.

### OTHER INFORMATION

Soda-Lime Glass Beads refers to all Whitehouse Scientific brand names, (for various applications) unless otherwise stipulated. It remains the users own responsibility to ensure that the information is appropriate and complete for his special use of this product.

*The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept liability for any loss or damage, however arising, which result directly or indirectly from the use of such information.*



### EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines (Dust):**

No free SiO<sub>2</sub>, all components amorphous/non-crystalline.

**Respiratory Protection:**

Use dust respirator where dust occurs. Cotton gloves usually sufficient to protect hands if irritation arises from handling this product.

**Eye Protection:** Safety goggles.

**Skin Protection:** Covering garments.

**Additional Protective Equipment:** Safety shower and eyewash fountain should be within direct access.

### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid, Clear and Odourless

**Safety Data:**

**Ph:** 11-12

**Melting Point:** ~ 730°C

**Specific Gravity:** 2.5g/cm<sup>3</sup>

### STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** None

**Materials to Avoid:** None

### TOXICOLOGICAL INFORMATION

**Acute Effects:** Not Applicable

**Sub-chronic & Chronic:** Not Applicable

### ECOLOGICAL INFORMATION

No ecological hazards are reported to be associated with this product.

### DISPOSAL CONSIDERATIONS

Discard as non-hazardous inorganic solid waste, however we recommend verifying that any local laws may impose additional regulatory requirements regarding disposal.

### TRANSPORTATION INFORMATION

**Land transport:** Non Hazardous for transportation purposes.

**River/Canal-transport:** Non Hazardous for transportation purposes.

**Sea-transport:** Non Hazardous for transportation purposes.

**Air-transport:** Non Hazardous for transportation purposes.

**Other Information:** May be sent by mail.

### REGULATORY INFORMATION

Cautionary Label Phrases: Not Applicable

National Regulations: Not Applicable