



DESI SEAL
MCT-500
MCT-1000

Dennis Energy Services, Inc.

Lost Circulation Products and Services

P.O. Box 1914 Laredo, TX 78044

1-888-712-5595 (956) 712-1114 Fax (956) 712-4788

MATERIAL SAFETY DATA SHEET

DESI GST DRILLING BEADS

Identity: DESI GST Ceramic Beads
Chemical Name: Aluminosilicate CAS Reg. 1302-44-56, 1302-76-7

SECTION I - IDENTIFICATION OF MATERIAL

Manufacturer's Name: Dennis Energy Services, Inc.
Address: HWY 359 East
Laredo, TX 78044
Emergency Telephone Number: 1-888-712-5595
Telephone Number for Information: 956-712-1114
Dated Prepared: June 5, 2008

SECTION II - COMPOSITION

Aluminum silicates and oxides

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A Appearance/Odor: black spheres; None
Insoluble in water Melting point: N/A
Vapor Pressure: N/A Specific gravity: 3.1 - 3.2

SECTION IV - FIRE AND EXPLOSION DATA

- Non-flammable

SECTION V - STABILITY AND REACTIVITY

- Stability: Stable under normal conditions of storage and use



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- Reactivity: None
- Hazardous Decomposition: None
- Does not polymerize.

SECTION VI - HEALTH HAZARDS IDENTIFICATION

- Acute Effects: None.
- Ingestion: May cause gastrointestinal irritation.
- Eyes: Small particles may cause irritation or injury to eye surface. Discomfort, redness, tearing may occur.
- Skin: None.
- Inhalation: Nuisance dust may cause irritation with possible difficulty breathing.
- Chronic Effects: IAARC not listed; OSHA not listed; NTP not listed.
- Medical conditions aggravated by exposure: None know.

Emergency and First Aid Procedures:

- Inhalation: Move exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention.
- Ingestion: Not expected to require first aid.
- Skin: - Wash skin thoroughly with soap and water. Remove contaminated clothing. Not expected to require first aid.
- Eyes: - Promptly wash eyes with lots of water. Continue to rinse for 30 minutes. If irritation persists, get medical attention.

SECTION VII - HANDLING & STORAGE

- Handle only in well ventilated areas. Avoid breathing dust.
- Keep work area floors clean, beads on hard smooth surfaces create a serious slipping hazard. Walkways should be covered with open grating or a coarse granular material.
- In case of accidental release or spillage, collect and contain material away from ignition sources.
- Contact local authorities for proper disposal.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION



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- Ventilation-Local exhaust and ventilation system is recommended if handled in a confined area to control below recommended exposure levels.
- Respiratory Protection - Use NIOSH approved nuisance dust respirator.
- Eye Protection-Use safety glasses with side shields.
- Skin Protection-Use long-sleeved clothing and gloves.

SECTION IX - TOXICOLOGICAL INFORMATION

- Carcinogenic review: None

SECTION X - ECOLOGICAL INFORMATION

- No ecological information is available.

SECTION XI - TRANSPORT INFORMATION

- Proper Shipping Name: Not regulated by DOT as a hazardous material
- Hazard class : None
- UN Number: None
- Packing Group: None

SECTION XII - REGULATORY INFORMATION

- OSHA (29 CFR 1910.1200) This product should be included in a hazard communication program.
- RCRA: None.
- CERCLA: Not subject to reporting.
- NFPA Hazard Codes: Health:1, Flammability: 0, Reactivity: 0, Special hazards: 0.