



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

DESI SEAL
MCT-500
MCT-1000

MATERIAL SAFETY DATA SHEET

DESI GLASS BEADS COARSE

Trade Name: DESI Glass Beads Coarse

Generic Description: Glass Beads

SECTION I – PRODUCT COMPANY AND IDENTIFICATION

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

SECTION II – COMPOSITION/INFORMATION ON THE COMPONENTS

Material or Component	CAS Number	Percentage
Glass, silicon dioxide	65997-17-3	100%

SECTION III – HAZARD IDENTIFICATION

Hazard Data: May be irritation to eyes and respiratory tract.

Health 1
Flammability 0
Reactivity 0 Ratings based on NPFA

Inhalation:
Prolonged inhalation of dust may be irritating to the respiratory track.

Skin Contact:
May cause irritation on prolonged or repeated contact.

Eye Contact:
Small particles may cause irritation on the eyes.



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

DESI SEAL
MCT-500
MCT-1000

Ingestion:

Not anticipated route of exposure. No known adverse effects.

Chronic Health Effects

None known. Not listed as a carcinogen on IARC, NTP or OSHA lists.

Medical Conditions Aggravated by Exposure

None known.

SECTION IV - FIRE AID MEASURES

Inhalation:

Remove person to fresh air. Get medical attention for any breathing difficulty.

Skin Contact:

Wash exposed area with soap and water. Not expected to require first aid.

Eye Contact:

Wash thoroughly with large amounts of running water for at least 15 minutes. Get medical advice if irritation develops.

Ingestion:

If large amounts were ingested, give water to drink and get medical advice.

Advice to Physicians

Treat symptomatically.

SECTION V – FIRE FIGHTING MEASURES

Flash Point	Not applicable
Flammable Limits	Not applicable
Fire Extinguishing Media	Water, carbon dioxide, dry powder or foam
Unusual Fire and Explosion Hazard	None

SECTION VI – ACCIDENTAL RELEASE MEASURES

Release or Spill

Collect and place in suitable container for sense reuse or disposal. Keep away from ignition source. Spherical shape of product can create a slip hazard. Beads on hard smooth surface create a slip hazard.



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

DESI SEAL
MCT-500
MCT-1000

Personal Precautions

Avoid breathing dust.

Environmental Precautions

None.

SECTION VII - HANDLING & STORAGE

Store in a cool, dry, ventilated area. Keep away from ignition source. Keep work area floors clean. Beads on hard smooth surface created a serious hazard. Walkaways should be covered with open grating or a coarse granular material.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits

OSHA Permissible Exposure Limit (PEL) 15 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts.

Ventilation Requirements:

A system of local and/ or general exhaust is recommended if handles in a confined area.

Respiratory Protection

Use NIOSH approved nuisance dust respirator if dust is present.

Skin Protection

Wear long sleeved clothing and work gloves.

Eye Protection

Wear safety glasses with side shields. Maintain eye wash station in work area.

Other Protection Equipment/Clothing

As appropriate for work area.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Spheres
Color	Clear
Odor	None
pH	Not applicable
Specific Gravity	2.5
Boiling Range/Point	Not applicable



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

DESI SEAL
MCT-500
MCT-1000

Flash Point	Not applicable
Explosion Limits (%)	Not applicable
Solubility in Water	Insoluble
Vapor Density (Air=1)	Not applicable
Evaporation Rate (butyl acetate=1)	Not applicable

SECTION X – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use storage.

Material to Avoid: Excessive heat and ignition sources.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: None

SECTION XI – TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components.

Cancer Status: Not listed as carcinogen by IARC, NTP or OSHA.

SECTION XII – ECOLOGICAL INFORMATION

No ecotoxicity data is available.

SECTION XIII – DISPOSAL

Disposal of material in accordance with all local, state, and federal regulations.

SECTION XIV – TRANSPORTATION INFORMATION

UN Proper Shipping Name	Not regulated
UN Label	None
UN Identification Number	None
Hazardous Ingredients	None
Placards	None
Reportable Quantity	None



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

DESI SEAL
MCT-500
MCT-1000

SECTION XV – REGULATORY INFORMATION

TSCA Listed	Yes
SARA Title III Section 302	No
SARA Title III Section 311/312	No
SARA Title III Section 313	No

SECTION XVI – OTHER INFORMATION

Abbreviations

N/A: Denotes no application information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: National Institute for Occupational Safety & Health

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

LARC: International Agency for Research on Center

MSDS Date: 12-13-11

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Dennis Energy Services, Inc... Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.