

P.O. BOX 1603  
 EUNICE, LA 70535  
 866-457-0064 or 337-457-0064

# SAFETY DATA SHEET

## GRANULAR OIL ABSORBENT

### 1. - IDENTIFICATION

<b>Trade Name:</b>	<b>Granular Oil Absorbent</b>
<b>Chemical Name:</b>	Diatomaceous Earth, Natural
<b>Chemical Family:</b>	Silica
<b>Usage:</b>	Industrial Absorbent
<b>Restriction on Use:</b>	None Known
<b>Distributor information:</b>	
<b>Company name</b>	Delta Drilling Products & Services, LLC
<b>Address</b>	154 Eastpark Drive Eunice, LA 70535
<b>Telephone</b>	(866) 457-0064 or (337) 457-0064
<b>E-mail</b>	deltaproducts@bellsouth.net
<b>Emergency phone number</b>	CHEMTREC (800) 424-9300
<b>SDS Date of Preparation:</b>	October 31, 2013

### 2. HAZARD(S) IDENTIFICATION

<b>OSHA GHS Hazard Classified</b>	Not classified as hazardous
<b>Hazards Not Otherwise Classified</b>	None
<b>Label Elements</b>	No GHS labeling required

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Identification	Approximate Concentration (%)	C.A.S. Numbers	EINECS
Diatomaceous Earth. Natural (kieselguhr)	100%	61790-53-2 or 7631-86-9	2231-545-4

### 4. FIRST-AID MEASURES

<b>Eye</b>	Flush eyes with generous quantities of water or eye rinse solution. Consult physician if irritation persists.
<b>Skin</b>	Use moisture renewing lotions if dryness occurs.
<b>Ingestion</b>	Drink generous amounts of water to reduce bulk and drying effects.
<b>Inhalation</b>	Remove to fresh air. Blow nose to evacuate dust.

<b>Most Important symptoms/effects, acute and delayed</b>	Dust may cause abrasive irritation to eyes. Prolonged skin contact may cause dryness. Dust may cause nose, throat and upper respiratory tract irritation. Prolonged inhalation of high concentration of dust may cause lung effect.
<b>Indication of immediate medical attention and special treatment, if necessary</b>	Immediate medical attention is not normally required. If dust irritates the eyes, seek medical attention.

### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media</b>	Not applicable, the material is not combustible.
<b>Specific Hazards Arising From the Chemical</b>	Not applicable, the material is not combustible.
<b>Special Protective Equipment And Precautions For Fire-Fighters</b>	Not applicable, the material is not combustible.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	If dust is present, use respirator fitted with particulate filter as specified in Section 8. Protect eyes with goggles
<b>Environmental Precautions</b>	This material is not a significant environmental concern.
<b>Methods and Materials For Containment and Cleaning Up</b>	Vacuum clean spillage, wet sweep or wash away. Avoid creating dust. Place in a container for use or disposal.

### 7. HANDLING AND STORAGE

<b>Precautions For Safe Handling</b>	Minimize dust generation. Avoid contact with eyes. Avoid breathing dust. Repair or dispose of broken bags. Observe all label precautions and warnings.
<b>Conditions For Safe Storage</b>	Store in a dry place to maintain packaging integrity and product quality. Do not store near hydrofluoric acid or strongly basic solutions.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:		OSHA PEL	ACGIH TLV	MSHA PEL	NIOSH REL
Component					
Distomaceous Earth. Natural (kieselguhr)		$\frac{80 \text{ mg/m}^3}{\% \text{SiO}_2}$ total dust	None Established	$5 \text{ mg/m}^3$	$6 \text{ mg/m}^3$
<b>Engineering Controls</b>	Use general or local exhaust ventilation to control dust within recommended exposure limits. Refer to ACGIH publication "Industrial Ventilation" or similar publications for design of ventilation systems.				
<b>Personal Protective Equipment</b>					
<b>Eye / Face / Protection</b>	Goggles to protect from dust.				
<b>Skin Protection</b>	No special equipment is needed.				

<b>Respiratory Protections</b>	Respirators fitted with filters certified to standard 42CRF84 under series N95 should be worn when dust is present. If the dust concentration is less than ten (10) times the Permissible Exposure Limit (PEL) use a quarter or half-mask respirator with N95 dust filter or a single use dust mask rated N95. If dust concentration is greater than ten (10) times and less than fifty (50) times the PEL, a full-face piece respirator fitted with replaceable N95 filters is recommended. If dust concentration is greater than fifty (50) and less than two hundred (200) time the PEL use a power air-purifying (positive pressure) respirator with a replaceable N95 filter. If dust concentration is greater than two hundred (200) times the PEL use a type C, supplied air respirator (continuous flow, positive pressure). with full face piece, hood or helmet.
<b>General Hygiene</b>	Avoid breathing dust. Avoid contact with eyes. Wash hands after handling and before eating or drinking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Color</b>	Buff to off white granules	Odor	Odorless
<b>Physical State</b>	solid	Odor Threshold	Not applicable
<b>Vapor Pressure</b>	Not applicable	Vapor Density	Not applicable
<b>Boiling Point</b>	Not applicable	Melting Point	>1300° C
<b>Flash Point</b>	Not applicable	pH (10% suspension)	7
<b>Flammability Limits</b>	Not applicable	Evaporation Rate	Not applicable
<b>Decomposition Temperature</b>	> 1300° C	Spec. Gravity/Relative Density	2.2
<b>Autoignition Temperature</b>	Not applicable	Partition Coefficient -n-Octanol/Water	Not applicable
<b>Flammibility (solid/gas)</b>	Not applicable	Solubility - Water	< 1%
		Viscosity	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Material is not reactive.
<b>Chemical Stability</b>	Material is stable.
<b>Possibility of Hazardous Reactions</b>	Material is not reactive.
<b>Conditions to Avoid</b>	Not applicable
<b>Incompatible Materials</b>	Products containing silica may react violently with hydrofluoric acid and strongly basic solutions.
<b>Hazardous Decomposition Products</b>	Not applicable

## 11. TOXICOLOGICAL INFORMATION

<b>Potential Health Effects:</b>	See below and Section 11 for additional information
<b>Likely Routes of Exposure</b>	See below
<b>Eye</b>	May cause irritation (tear formation and redness) if dust gets in eyes.
<b>Skin</b>	Not absorbed by the skin, but may cause dryness if prolonged exposure.
<b>Ingestion</b>	Ingestion of small to moderate quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach.

<b>Inhalation</b>	Acute inhalation can cause dryness of the nasal passage and lung congestion, coughing and general throat irritation. Chronic inhalation of dust should be avoided.
<b>Chronic Effects</b>	Chronic inhalation of dust in excess of the Permissible Exposure Limit (PEL) established by OSHA over a prolonged number of years may cause lung changes.
<b>NTP</b>	Diatomaceous Earth, Natural is not classified as a carcinogen.
<b>IARC</b>	Diatomaceous Earth, Natural is not classifiable as a carcinogen in humans (Group 3).
<b>Numerical Measures of Toxicity</b>	No data available.
<b>Corrosiveness, Sensitization, Irritancy</b>	Not applicable
<b>Reproductive Toxicity</b>	Not available
<b>Teratogenicity, Mutagenicity</b>	Not available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Diatomaceous earth products have shown some efficacy as a natural insecticide, but otherwise have no demonstrated toxicity in regards to aquatic or terrestrial life.
<b>Persistence And Degradability</b>	Non-biodegradable. Inert.
<b>Bioaccumulative Potential</b>	Little potential for bioaccumulation.
<b>Mobility in Soil</b>	No mobility
<b>Other Adverse Effects</b>	None known

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	If this material as supplied becomes a waste, use solid waste disposal common to landfill type operations or in slurry to sumps. Not considered a hazardous waste under RCRA (40CFR Part 261).
<b>Packaging Disposal</b>	Dispose of in accordance with applicable laws and regulations, typically solid waste disposal common to landfill type operations.

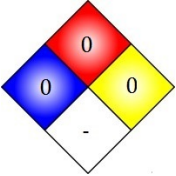
## 14. TRANSPORT INFORMATION

<b>Basic Shipping Information</b>	DOT shipping classification 55 (no restrictions). Technical name is "Diatomaceous Earth".
<b>Additional Information</b>	No special requirements or placarding necessary.

## 15. REGULATORY INFORMATION

<b>U.S. Federal:</b>	
<b>TSCA</b>	Diatomaceous Earth, Natural appears on the EPA TSCA inventory list.
<b>CERCLA</b>	Diatomaceous Earth, Natural is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) 40 CFR 302.
<b>SARAJ Title III</b>	Not listed.
<b>California Proposition 65:</b>	This product contains crystalline silica, a chemical known to the State of California to cause cancer.
<b>International:</b>	
<b>WHMIS Classification</b>	These products are not regulated by WHMIS
<b>WHMIS Ingredient Disclosure List</b>	No reportable ingredients are present.

## 16. OTHER INFORMATION

	NFPA		HMIS
		4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant	0 Health 0 Flammability 0 Reactivity E Protective Equipment
<b>Original Issue Date</b>	4-Mar-94		
<b>Revision Date</b>	30-Oct-15		
<b>Revision No.</b>	9		

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