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## Global Drilling Fluids & Chemicals Limited

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## MSDS SHEET GLO CLAY 1000

### Section 1: Product and Company Identification

Product Name	GLO CLAY 1000
Common Name	ATTAPULGITE CLAY
Product Use	Drilling Mud Additive
Product Type	Mixture

**Company Identification:**

Global Drilling Fluids and Chemicals Limited  
Corporate Office and Information Centre

**For Product Information and MSDS Requests**

75 Sector 27 C Mathura Road,  
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## Section 2: Composition /Information On Ingredients

Chemical Characterization	
Natural Fullers Earth Acid Activated	
Crystalline Sillica	<0.1%

## Section 3: Hazard Identification

Adverse human health effect	No specific risk when handled in accordance with good occupational hygiene and safety practices .
Environmental Effects	Negligible
Physical and Chemical hazards	Non flammable solid
Fire or Explosion	Finely divided particles may cause explosive mixtures in air
Other Hazards	No specific hazard under normal condition of use

## Section 4: First Aid Procedures

Eyes	Hold eyelids apart and flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
Skin	Wash thoroughly with soap and water. Remove contaminated clothing. If irritation develops, seek medical attention.
Ingestion	Drink water to dilute. Never give anything by mouth to an unconscious person. Seek medical attention.
Inhalation	If exposed to a high concentration of dust, remove to fresh air and restore breathing. If not breathing give artificial respiration. Seek medical attention.
Other Instructions	Sensitive individuals should avoid further contact. If irritation persists, seek medical attention. Persons seeking medical attention should carry a copy of this MSDS with them.



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## Section 5: Fire Fighting Measures

Extinguishing Media	Carbon dioxide, dry chemical, foam and water spray or fog. Use water to cool fire-exposed containers
Fire fighting procedures	Normal fire fighting procedures may be used
Unusual fire and explosion Hazards	May form explosive dust-air mixtures.

## Section 6: Accidental Spill / Release Measures:

Steps to be taken is the material is released or spilled	Wear proper protective equipment. Contain the spill and minimize dust. Re-package or recycle if possible, or place in a suitable waste container. Keep out of sewers and waterways.
Waste Disposal method	This product is a RCRA hazardous waste. Product or non-RCRA empty containers are hazardous waste.
Spill Management	Avoid Creating a dust Cloud. Shovel Sweep or use industrial vacuum cleaner. Reduce airborne dust or scattering by moistening by water
Reporting	Please follow Local Laws
Disposal	The material must be disposed as per the Regulations of the Local Laws



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## Section 7: Handling and Storage

Precautions	Use caution to avoid dust and to prevent inhalation of dust. High Airborne dust contaminations may cause dust explosion Hazard. Avoid Breathing material, Keep container closed. Use with adequate ventilation. Avoid contact with eyes , Skin and clothing
Static Hazard	Electrostatic Charge may Accumulate and create hazardous conditions when handling the material
General Information	Treat as solid that may burn , Keep away from oxidizing materials in a cool Dry well ventilated area

## Section 8: Occupational Control Measures / Personal Protection

Respiratory	Wear a high efficiency particulate respirator when exposure exceeds the recommended limits.
Ventilation	Supply natural or mechanical ventilation adequate to keep exposures below the recommended exposure limits.
Skin	Wear appropriate gloves and long protective clothing. Wash thoroughly after handling. Wash clothes and clean shoes before reuse
Eyes	Wear safety glasses with side guards. Insure proper fit for best Protection
Other Protective Equipment	Ordinary measures of personal hygiene should be observed. Avoid contact with eyes, skin and clothing and inhalation of dust.



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## Section 9: Physical and Chemical Characteristics

Properties	Value
Appearance	Powder free from visible impurities
Apparent bulk density (g/cc)	800-950 Kg/m <sup>3</sup>
Moisture content	16 % Max
Residue Greater than 75 um	8% Max

Please also see attached Specification Sheet

## Section 10: Stability and Reactivity

Stability	Stable under normal conditions of use
Materials to avoid	Strong oxidizers.
Hazardous decomposition products	No dangerous reaction , decomposition known with common products
Hazardous Polymerization	Will not occur



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## Section 11: Toxicological Information

Acute Toxicity	N/A
Eyes	The material is dusty so may cause Irritation to the Eyes
Skin	Skin irritation may occur in sensitive individuals after repeated or prolonged contact
Inhalation	Excessive or repeated inhalation may cause respiratory irritation.
Ingestion	Not to be swallowed but considered not harmful if swallowed

## Section 12: Ecological Information

Degradability	This product is biodegradable
Effects on Aquatic Environment	No Known Detrimental effects

## Section 13 Disposal Considerations

In accordance with local and national regulations provided by the local authorities
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## Section 14 Transport Information

The material is not regulated for transport of Dangerous Goods: ADR, IATA



## Section 15

### Regulations Information

NO regulations applicable	
Precautionary Labeling	WARNING! Contains Powdered Material, May cause eye, skin and respiratory tract irritation.
Precautions for transportation handling and Storage	Protect sacks from heat and excessive moisture. Minimize dust exposure during use

## Section 16

### Additional Information:

The statements, information, and data provided in this MSDS are believed reliable and accurate by Global Drilling Fluids & Chemicals Limited and its responsible personnel; however, no other guarantee, representation, warranty or responsibility is expressed or implied to any user, regardless of reliance on all or any part thereof. This includes warranties of merchantability or of fitness for a particular purpose, and Global Drilling Fluids & Chemicals Limited assumes no responsibility whatsoever for advice or recommendations made. Noting Containing herein should be interpreted as Permission, Inducement or Cantonment

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