

PETRO DRILLING MINING OIL CO

DRILLING MUDS & CHEMICALS



Barite mine in Khorasan



- Petro Drilling Mining Oil Co. is the leading API Grade Barite (Barium Sulphate) manufacturer and suppliers in Andhra Pradesh, India and across the globe.
- Petro Drilling Mining Oil Co. committed to supplying to the Oil and Gas industry at competitive prices and to the highest quality standards.
- Our capability to manufacture and supply Barite powder to the requirement of our customers. Our strong quality control department ensures that the products manufactured are to international standards, which is proven by the company's success in competing in Global Markets.
- Today, PetroDMO Barite powder is in huge demand in chemical and Oilfield industry and we are among the top drilling mud manufacturers, suppliers and exporters at competitive market rate.



BARITE

The company processing plants are situated at Khorasan the place renowned as Single largest BARITE deposit Mine in the World.

The Khorasan mines with an estimated reserves of 74 million tons of barite, was discovered in the year 1954 and it's estimated that the Mine will serve industry requirements for few more decades.

The mine has remaining Barytes reserves of 50 million tons and remaining lifetime of 17 to 20 years. The Khorasan Barytes project is the major source of revenue for Khorasan barites mines



Barite Uses

- 84% worldwide is used as a weighting agent for drilling fluids in oil and gas exploration
- Main source of barium for the chemical industry
- Absorber of gamma and X-ray radiation
- Added-value applications which include the electronics, TV screen, rubber, and glass ceramics and paint industry, in glass manufacture as a flux and to add brilliance and clarity



Barite Powder

- place renowned as Single largest BARITE deposit Mine in the World. This is owned by Andhra Pradesh Mineral Development Corporation (APMDC)
- We crush and supply the material as powder based on customer requirement i.e ≥ 4.00 , 4.10 and 4.20SG density.
- We have processing capacity of 7000-10000MT's of Barite Powder per month.
- We have our own team of experienced persons who spend considerable time to draw samples at regular intervals during production and monitor quality at all times.
- We use standard packaging like 50 KG HDPE Bag, 1 MT and 1.5 MT Jumbo bag.

MSDS MATERIAL SAFETY DATA SHEET BARITE POWDER	
1. TRADE NAME : EEPL-BAR	2. CHEMICAL NAME : BARIUM SULPHATE
3. SUPPLIER : Emollient Exim Pvt Ltd.	
4. COMPOSITION : Single Compound, 75 -85% BaSO4	5. APPEARANCE : OFF White to gray color, odorless Powder
6. USAGE : Weighting material in V Fluid Drilling	
7. PHYSICAL PROPERTIES	
Specific gravity : 4.10 – 4.12	Rel. Vapour density (ari=1) : None
Bolling Point (c) : Decompose > 1595c	Vapour pressure : None
Melting Point (c) : about 1580	Kinematic Viscosity(mm2/s) : N/A
Flash Point (c) : N/A	Solubility in water (kg/m3) : <0.0025
Autoignation temp.(c) : N/D	PH : 8.0
Flammability lim.(%v/v) : N/A	Partical size (micron) :2-75
8. IMPORTANT CHARACTERISTICS	
Incompatibilities : Heating with Aluminium can produce violent explosion	Stability : Stable
9. SAFETY HAZARDS	10. PRECAUTIONS
Fire : Non Combustible	Fire : None
Stability : Stable	Stability : None
11. FIRE EXTINGUISHING AGENTS	12. FIRE FITING PRECAUTIONS
No limitations	None
13. HEALTH HAZARDS	14. TRANSPORT INFORMATION
Inhalation : Nuisance Dust	DOT CLASSIFICATION: Not A DOT Controlled material (United States) Not Regulated.
Skin : No Hazard	ICAO/IATA -- NOT REGULATED
Eyes : Nuisance dust	TGD CLASSIFICATION: NOT CONTROLLED UNDER TDG (CANADA)
Ingestion : No Hazard, Non toxic	MARINA POLLUTANT: NOT AVAIBLE
15. PERSONAL PROTECTION	
Normal Usage : Chemical monogoggles, PVC gloves in the event of inhalation risk, Wear dust respirator, NPE	
Spill control/ clean up : As per normal usage	
16. ENVIRONMENTAL HAZARDS	17. PRECAUTIONS
Insignificantly toxic to fish and aquatic invert brat	Minimize contamination of soil and water
Practically non toxic to aquatic plants	
18. SPILLAGE MITIGATION	
Scoop up and collect into container, disperse remainder With plenty of water .0	
19. DISPOSAL OPTIONS	
Preferred : Dispose of at controlled land fill site	
Acceptable : Dispose of at sea.	
20. STORAGE	21. PACKAGING AND LABELLING
Keep in dry area, avoid dust formation	50 KG HDPE Bag/1 MT and 1.5 MT Jumbo bag EEPL-BAR

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