

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION ONE PRODUCT IDENTIFICATION

PRODUCT NAME(S): DRILLING MUD ADDITIVE, SOLID
 CHEMICAL FAMILY: BARIUM SULFATE, (INERT, NON-LEACHABLE FORM)
 TRADENAME: BARITE
 SUPPLIER / DISTRIBUTOR: BAKER CHEMICALS, INC.
 ADDRESS: P.O. BOX 272106, HOUSTON, TX 77277-2106
 FOR FURTHER INFORMATION CALL: (800)-526-2318

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SECTION TWO HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS INGREDIENTS: NONE

SECTION THREE PHYSICAL DATA

BOILING POINT: NOT AVAILABLE
 VAPOR PRESSURE: NOT AVAILABLE
 VAPOR DENSITY: NOT AVAILABLE
 SOLUBILITY IN WATER: INSOLUBLE
 SPECIFIC GRAVITY: 4.2 TO 4.25
 VOLATILITY: NOT AVAILABLE
 EVAPORATION RATE: NOT AVAILABLE
 APPEARANCE: FINE POWDER

SECTION FOUR FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NOT AVAILABLE
 SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN
 EXTINGUISHING MEDIA: NOT AVAILABLE
 UNUSUAL FIRE / EXPLOSION HAZARDS: NONE KNOWN

SECTION FIVE HEALTH HAZARD DATA

ROUTES OF ENTRY: ENTRY INTO BODY IS NOT EXPECTED WHEN OBSERVING INDUSTRIAL HYGIENE PROCEDURES
 CARCINOGENICITY: NOT LISTED AS A CARCINOGEN BY NTP, OSHA, OR IARC
 THRESHOLD LIMIT VALUE: 15 MIL. PARTICLES/FT³ OF AIR FOR 8 HRS
 EMERGENCY FIRST AID PROCEDURES: IN CASE OF CONTACT WITH EYES, FLUSH WITH PLENTY OF FRESH WATER
 EFFECTS OF OVER EXPOSURE: NOT AVAILABLE

SECTION SIX REACTIVITY DATA

STABILITY: STABLE
 INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS
 HAZARDOUS DECOMPOSITION PRODUCTS: NOT AVAILABLE
 CONDITIONS TO AVOID: SOURCES OF HIGH HEAT
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION SEVEN SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SWEEP UP INTO CONTAINER, RECYCLE, IF POSSIBLE
 WASTE DISPOSAL METHOD: DISPOSAL IN INDUSTRIAL LANDFILL, ACCORDING TO APPLICABLE LAWS

SECTION EIGHT SPECIAL PROTECTION DATA

APPROPRIATE HYGIENIC PRACTICES: AVOID PROLONGED CONTACT WITH EYES, SKIN, AND MOUTH
 PERSONAL PROTECTION EQUIPMENT: SAFETY GLASSES AS MAY BE NEEDED
 PERSONAL PROTECTION EQUIPMENT: GLOVES AS MAY BE NEEDED
 VENTILATION: LOCAL OR MECHANICAL EXHAUST
 OTHER PROTECTIVE MEASURES: AVOID SPILLAGE, STORE IN SEALED CONTAINER.

SECTION NINE ADDITIONAL INFORMATION

NIHA HAZARD RATING:
 FIRE: 0 REACTIVITY: 0
 TOXICITY: 1 OTHER: 0
 0-MINIMAL 1-SLIGHT 2-MODERATE 3-SEVERE 4-EXTREME

SECTION TEN TRANSPORTATION DATA

SHIPPING NAME: DRIE WHT. DRILLING MUD TREATING COMPOUND, SOLID, CLASS 50
 SPECIAL SHIPPING LABELS REQUIRED? NO
 D.O.T. REGULATED? NO