

Material Safety Data Sheet (MSDS)

SECTION 1: PRODUCT IDENTIFICATION

PREPARED 2 01

PRODUCT NAME(S): DRILLING MUD ADDITIVE, SOLID
 CHEMICAL FAMILY: SODIUM MONTMORILLONITE
 TRADENAME: WYOMING BENTONITE API GRADE (PREMIUM GEL HYDROGEL)
 SUPPLIER / MANUFACTURER: BAKER CHEMICALS, INC.
 ADDRESS: P.O. BOX 272108, HOUSTON, TX 77277-2108
 FOR FURTHER INFORMATION CALL: (713) 849-4200

SECTION 2: HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS INGREDIENTS: NONE

SECTION 3: PHYSICAL DATA

BOILING POINT: NOT AVAILABLE
 VAPOR PRESSURE: NOT AVAILABLE
 VAPOR DENSITY: NOT AVAILABLE
 SOLUBILITY IN WATER: INSOLUBLE, FORMS COLLOIDAL SUSPENSION
 SPECIFIC GRAVITY: 2.4 TO 2.6
 VOLATILE: NOT AVAILABLE
 EVAPORATION RATE: NOT AVAILABLE
 APPEARANCE: BEIGE COLORED POWDER

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NOT AVAILABLE
 SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN
 EXTINGUISHING MEDIA: FOAM, CO₂, DRY CHEMICAL
 UNUSUAL FIRE / EXPLOSION HAZARDS: NONE KNOWN

SECTION 5: 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
 EMERGENCY FIRST AID PROCEDURES: IN CASE OF CONTACT WITH EYES, FLUSH WITH PLENTY OF FRESH WATER AND MOVE TO AREA FREE FROM DUST
 ACUTE ORAL LD₅₀: ND ACUTE DERMAL LD₅₀: ND AQUATIC TOXICOLOGY LC₅₀: ND (ND=NO DATA AVAILABLE)

SECTION 6: REACTIVITY DATA

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

SECTION 7: 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 8: SPECIAL PROTECTION DATA

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

SECTION 9: ADDITIONAL INFORMATION

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

SECTION 10: TRANSPORTATION DATA

SHIPPING NAME: OILWELL DRILLING MUD TREATING COMPOUND, SOLID, CLASS 50 D.D.T. REGULATED? NO
 SPECIAL SHIPPING LABELS REQUIRED? NO U.N. NUMBER: NOT APPLICABLE