



BJ SERVICES COMPANY
MATERIAL SAFETY DATA SHEET

Region
USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: **Clay Master 5C**
ITEM NUMBER : 499808
CHEMICAL DESCRIPTION: Quaternary polyamines
PRODUCT USE: Clay control
SUPPLIER: BJ Services Company
ADDRESS: 11211 FM 2920
Tomball, TX 77375
**EMERGENCY TELEPHONE NUMBER (800)424-9300 for CHEMTREC
(202)483-7616 Alaska and International**
PREPARED BY: BJ Services Environmental Group
(281)351-8131
DATE PREPARED: August 4, 2000 Supersedes:December 19, 1995

HMIS HAZARD INDEX

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTION: d

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
No hazardous ingredients	N.A.	N.A.	N.A.

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD): >200°F (PMCC)
UPPER EXPLOSION LIMIT(% BY VOL): N.E.
LOWER EXPLOSION LIMIT(% BY VOL): N.E.
AUTO-IGNITION TEMPERATURE: N.E.
EXTINGUISHING MEDIA: Dry chemical, CO2, water spray or regular foam
SPECIAL FIRE FIGHTING PROCEDURES: This material may burn, but does not readily ignite. Move container from fire area if you can do so without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of containers.
EXPLOSION DATA: None listed
HAZARDOUS COMBUSTION PRODUCTS: May form oxides of carbon, nitrogen, and chlorine

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye and skin contact, inhalation

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT: May cause mild irritation
SKIN ABSORPTION: No effects listed
EYE CONTACT: May cause mild irritation
INHALATION: May cause mild irritation
INGESTION: May cause nausea

CHRONIC OVEREXPOSURE EFFECTS: No effects listed

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
No hazardous ingredients	N.A.	N.A.

CARCINOGENICITY, REPRODUCTIVE EFFECTS:

Not listed as carcinogenic - IARC, NTP, or OSHA

TERATOGENICITY, MUTAGENICITY:

No effects listed

TOXICITY STUDIES:

LD(50) N.E.
LC(50) N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES: Immediately flush with running water for at least 15 minutes.
FOR SKIN: Wash with soap and water, removing clothing if contaminated
FOR INHALATION: Remove to fresh air. If breathing is labored, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
FOR INGESTION: DO NOT INDUCE VOMITING. Give large amounts of water or milk to drink. Consult a physician for further instructions.

SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR: Clear amber liquid
SPECIFIC GRAVITY: 1.144
VAPOR PRESSURE: N.E.
VAPOR DENSITY (air=1): N.E.
EVAPORATION RATE: N.E.
BOILING POINT: N.E.
FREEZING POINT: N.E.
SOLUBILITY IN H2O: Soluble
pH: 7

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY: Stable
INCOMPATIBLE MATERIALS: Strong oxidizers
HAZARDOUS POLYMERIZATION: Does not polymerize
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, and chlorine

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

RESPIRATORY PROTECTION: None required under normal conditions. Use SCBA when entering tanks.

PROTECTIVE GLOVES: Chemically resistant/non-slip

EYE PROTECTION: Chemical safety goggles/safety glasses

OTHER PROTECTIVE EQUIPMENT: Coveralls, splash aprons, eyewash bottles or other rinsing equipment should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES: Stop leak if you can do it without risk. Take up with sand or other noncombustible absorbent material and place in DOT approved containers.

WASTE DISPOSAL: If this product becomes a waste it does not meet the requirements of a RCRA hazardous waste. Always dispose of according to all local/state/and federal regulations.

HANDLING & SPECIAL EQUIPMENT: Clean up spills promptly. Wash contaminated clothing.

STORAGE REQUIREMENTS: No special recommendations.

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME: Not DOT Regulated
HAZARD CLASS: N.A.
UN/NA NUMBER: N.A.
PACKING GROUP W/ "PG": N.A.
SUBSIDIARY RISK: N.A.
REPORTABLE QUANTITY (RQ): N.A.
EMERGENCY RESPONSE GUIDE #: N.A.

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304 This product does not contain ingredients listed as an Extremely Hazardous Substance.

SECTION 311/312 Immediate

SECTION 313 This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY: All of the components in this appear on the TSCA inventory.
CALIFORNIA PROP 65: None of the chemicals on the current Proposition 65 list are known to be present in this product.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.
