



BJ SERVICES COMPANY
MATERIAL SAFETY DATA SHEET

Region
USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: **GBW-15C**
ITEM NUMBER : 411084
CHEMICAL DESCRIPTION: Enzyme breaker
PRODUCT USE: Breaker - water
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: September 5, 2000 Supersedes: March 3, 1997

HMS HAZARD INDEX

HEALTH: 0
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: b

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Sodium chloride	7647-14-5	14-15	N.A.

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD): N.A.
UPPER EXPLOSION LIMIT(% BY VOL): N.A.
LOWER EXPLOSION LIMIT(% BY VOL): N.A.
AUTO-IGNITION TEMPERATURE: N.E.
EXTINGUISHING MEDIA: This material is not combustible. Use media suitable for the surrounding fires. Use water spray to cool exposed containers.
SPECIAL FIRE FIGHTING PROCEDURES: None
EXPLOSION DATA: None known.
HAZARDOUS COMBUSTION PRODUCTS: None known.

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye and skin contact, ingestion

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT: May produce a drying effect which can cause irritation on prolonged or repeated exposure.

SKIN ABSORPTION: N.E.

EYE CONTACT: Eye contact may cause irritation upon direct contact depending on individual sensitivity.

INHALATION: Not expected to pose an inhalation hazard under conditions of normal use.

INGESTION: Ingestion of large quantities may cause vomiting, diarrhea, and prostration.

CHRONIC OVEREXPOSURE EFFECTS: Overexposure to this product may affect the skin.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Sodium chloride	None	N.A.

CARCINOGENICITY, REPRODUCTIVE EFFECTS:
Not listed as carcinogenic- IARC, NTP, or OSHA

TERATOGENICITY, MUTAGENICITY:
No effects listed.

TOXICITY STUDIES:

LD(50) N.A.
LC(50) N.A.

SECTION V - FIRST AID PROCEDURES

FOR EYES: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, contact a physician.

FOR SKIN: Flush skin with water or wash with mild soap and water if available. If irritation persists, contact a physician.

FOR INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

FOR INGESTION: Do not induce vomiting! Give plenty of water. Never give anything by mouth to an unconscious or convulsing person.

SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR: A light brown liquid with a fermentation odor.

SPECIFIC GRAVITY: 1.090-1.110 @ 68°F

VAPOR PRESSURE: N.E.

VAPOR DENSITY (air=1): N.E.

EVAPORATION RATE: N.E.

BOILING POINT: @ 220°F

FREEZING POINT: @ 14°F

SOLUBILITY IN H2O: Complete

pH: 7.0-7.5

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY:	Stable
INCOMPATIBLE MATERIALS:	None known.
HAZARDOUS POLYMERIZATION:	Does not polymerize
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.

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:	Not generally required under conditions of normal use.
PROTECTIVE GLOVES:	Rubber or neoprene
EYE PROTECTION:	Chemical splash goggles
OTHER PROTECTIVE EQUIPMENT:	Eyewash bottles or other rinsing equipment should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES:	Contain the spill. Soak up with an absorbent material. Contain the spill. Soak up with an absorbent material.
WASTE DISPOSAL:	If this product becomes a waste, it does not meet the requirements of a RCRA waste. Always dispose of according to all local/state/and federal regulations.
HANDLING & SPECIAL EQUIPMENT:	Do not get in eyes, on skin or clothing. Wash thoroughly after handling product.
STORAGE REQUIREMENTS:	Store in a cool, dry place.

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	Not regulated
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.
