



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region
USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **High Perm SW-LB**
Item Number: 398411
Product Use: Breaker - Water
Supplier: BJ Services Company
11211 FM 2920
Tomball, Texas 77375
(281)351-8131

**IN CASE OF EMERGENCY CALL: (800) 424-9300 for
CHEMTREC
(703) 527-3887 for
International**

HMIS HAZARD INDEX

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 1
PERSONAL PROTECTION: g

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	Percent	Hazard
Sodium persulphate	007775-27-1	10-30%	

3 HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: Eye contact. Inhalation. Skin contact.

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: Inhalation of solution mist may cause respiratory tract irritation.

INGESTION: Not a likely exposure route.

EYE CONTACT: Contact with liquid may cause eye irritation.

SKIN CONTACT: May cause irritation or dermatitis.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Sodium persulphate	0.1 mg/m3	NA	NA	895 mg/kg rat

4 FIRST AID MEASURES

INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Only trained personnel should administer oxygen. Get medical attention.

INGESTION:

If victim is conscious give 1 to 2 glasses of water. Induce vomiting if victim conscious. Call a physician immediately. Never give anything by mouth to an unconscious person.

EYES:

Flush eyes with plenty of water and get medical attention if irritation persists.

SKIN:

Flush skin with water. Get medical attention if irritation persists.

5 FIRE FIGHTING MEASURES

FLASHPOINT (METHOD):	None
LOWER EXPLOSION LIMIT (% v/v):	Not available
UPPER EXPLOSION LIMIT (% v/v):	Not available
AUTO-IGNITION TEMPERATURE:	Not available

SPECIAL HAZARDS:

Oxidizer.

EXTINGUISHING MEDIA:

Water fog, carbon dioxide, foam, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

HAZARDOUS COMBUSTION PRODUCTS:

See Hazardous Thermal Decomposition Products.

6 ACCIDENTAL RELEASE MEASURES

Wear specified protective equipment. Prevent from entering sewers or waterways. Recover product to suitable containers or vessel for reuse, if possible, or for disposal.

7 HANDLING AND STORAGE

HANDLING:

Avoid contact with skin and eyes. Use only in a well ventilated area. Wash hands before eating and smoking.

STORAGE REQUIREMENTS:

Keep away from incompatible materials. Keep container tightly closed, in a cool, well ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Local exhaust. Mechanical ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

Chemical resistant gloves. Chemical resistant goggles. Coveralls.

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Colorless
ODOR:	Odorless
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY:	1.135
VAPOR PRESSURE:	Not available
VAPOR DENSITY (air = 1):	Not available
EVAPORATION RATE:	Not available
BOILING POINT:	Not available
FREEZING POINT:	Not available
pH:	5 - 7
VISCOSITY (F):	Not available
SOLUBILITY IN WATER:	Not applicable

10 STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

INCOMPATIBILITY/CONDITIONS OF REACTIVITY:

Alkali metals. Contact with acids. Contact with metals.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Oxides of sulfur. Oxygen.

HAZARDOUS POLYMERIZATION:

Will not occur.

11 TOXICOLOGICAL PROPERTIES

CHRONIC EFFECTS:

None known.

SENSITIZATION:

Not known.

CARCINOGENICITY:

None of the components of this product have been listed as carcinogenic by IARC, NTP or OSHA. (IARC - International Agency for Research on Cancer) (NTP - National Toxicology Program) (OSHA - Occupational Safety & Health Administration (US)).

MUTAGENICITY:

Not known.

REPRODUCTIVE TOXICITY:

Not known.

12 ECOLOGICAL INFORMATION

No specific information available.

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Disposal should be made in accordance with national and local regulations. Consult local waste authorities for direction and/or approvals prior to disposal.

14 TRANSPORT INFORMATION

LAND TRANSPORT (DOT)

Proper Shipping Name: Persulphates, inorganic, aqueous solution, n.o.s.
Hazard Class - Primary: 5.1
UN/ID No.: UN 3216
Packing Group: III
Subsidiary Risk: Not applicable
Reportable Quantity (RQ): Not applicable
Emergency Response Guide #: 140

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: Persulphates, inorganic, aqueous solution, n.o.s.
Hazard Class - Primary: 5.1
UN/ID No.: UN 3216
Packing Group: III

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: Persulphates, inorganic, aqueous solution, n.o.s.

Hazard Class - Primary: 5.1
Packing Group: III
EmS:

15 REGULATORY INFORMATION

SARA TITLE III:

SECTION 302/304 This product does not contain substances listed in Appendix A and B 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.

TSCA INVENTORY: The substances in this product are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710).

CALIFORNIA PROP 65: This product does not contain substances which require warning under California Proposition 65.

PRIORITY POLLUTANTS:

16 OTHER INFORMATION

ISSUE DATE: 01/16/2008

PREPARED BY: BJ Services Environmental Group

REFERENCES:

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2007.

Dangerous Goods Regulations, 48th ed., International Air Transport Association, 2007.

Guide to Occupational Exposure Values - 2007, American Conference of Governmental Industrial Hygienists, 2007.

SAX's Dangerous Properties of Industrial Materials

Supplier's Literature.

Suspect Chemicals Sourcebook

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