



**BJ SERVICES COMPANY**  
**MATERIAL SAFETY DATA SHEET**

Region  
USA

**SECTION I - GENERAL INFORMATION**

PRODUCT NAME: **Flo-Back 30**  
ITEM NUMBER: 488255, 488327  
CHEMICAL DESCRIPTION: Surfactant  
PRODUCT USE: Surface tension reducer, surfactant  
SUPPLIER: BJ Services Company  
ADDRESS: 11211 FM 2920  
Tomball, TX 77375  
**EMERGENCY TELEPHONE NUMBER (800)424-9300 for CHEMTREC  
(703)527-3887 Alaska and International**  
PREPARED BY: BJ Services Environmental Group  
(281)351-8131  
DATE PREPARED: April 30, 2004  
Supersedes: August 31, 2000

**HMIS HAZARD INDEX**

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

**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): None  
UPPER EXPLOSION LIMIT(% BY VOL): N.E.  
LOWER EXPLOSION LIMIT(% BY VOL): N.E.  
AUTO-IGNITION TEMPERATURE: N.E.  
EXTINGUISHING MEDIA: This product is not expected to burn unless all the water is boiled away. Use media appropriate for surrounding fire.  
SPECIAL FIRE FIGHTING PROCEDURES: Use water to cool fire exposed containers.  
EXPLOSION DATA: None  
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide during combustion

## **SECTION IV - HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY: Skin and eye contact

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT: Brief contact may cause mild irritation. Prolonged contact may cause severe irritation and dermatitis.  
SKIN ABSORPTION: Not absorbed by skin.  
EYE CONTACT: May cause slight to moderate irritation.  
INHALATION: Not expected to pose an inhalation hazard.  
INGESTION: May cause irritation to the membranes of the mouth, throat, and gastrointestinal tract. Nausea, vomiting, cramps and diarrhea may occur.

CHRONIC OVEREXPOSURE EFFECTS: None known

EXPOSURE LIMITS:

| HAZARDOUS COMPONENT      | ACGIH TLV | OSHA PEL |
|--------------------------|-----------|----------|
| No hazardous ingredients | N.E.      | N.E.     |

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 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. If vomiting occurs spontaneously, keep victim's head below hips to prevent aspiration into the lungs. Give large quantities of water to dilute. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

## **SECTION VI - PHYSICAL DATA**

APPEARANCE AND ODOR: Pale yellow liquid with mild odor  
SPECIFIC GRAVITY: 1.16  
VAPOR PRESSURE: N.E.

|                        |               |
|------------------------|---------------|
| VAPOR DENSITY (air=1): | N.E.          |
| EVAPORATION RATE:      | N.E.          |
| BOILING POINT:         | Approx. 235°F |
| FREEZING POINT:        | < 0°F         |
| SOLUBILITY IN H2O:     | Complete      |
| pH:                    | N.E.          |

## **SECTION VII - REACTIVITY DATA**

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| CHEMICAL STABILITY:               | Stable                            |
| INCOMPATIBLE MATERIALS:           | Strong oxidizing agents           |
| HAZARDOUS POLYMERIZATION:         | Does not polymerize               |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Carbon monoxide during combustion |

## **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 normally required under conditions of normal use.  |
| PROTECTIVE GLOVES:          | Rubber or neoprene   |
| EYE PROTECTION:             | Goggles  |
| OTHER PROTECTIVE EQUIPMENT: | Eyewash bottles or other rinsing equipment should be easily accessible.  |

## **SECTION IX - HANDLING PRECAUTIONS**

|                               |   |
|-------------------------------|---|
| LEAK AND SPILL PROCEDURES:    | Dike or contain spill to prevent material from entering waterways. Pump large spills into salvage containers. Soak up residue or small spills with absorbent pads, clay, or dirt and place in salvage 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 local/state/federal regulations.  |
| HANDLING & SPECIAL EQUIPMENT: | Do not get in eyes, on skin or clothing. Do not take internally.  |
| STORAGE REQUIREMENTS:         | Keep container closed when not in use. Store drums with the bung up. Carefully vent container before removing bung. Wash thoroughly after handling.   |

## **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 | N.A.  |
| 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.