



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region
USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **InFlo 250W**
Item Number: 488429, 488430
Product Use: Surface tension reducer
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: 2
REACTIVITY: 0
PERSONAL PROTECTION: g

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	Percent	Hazard
Surfactants	Proprietary	20-80	
2-Butoxyethanol	000111-76-2	3-20	Irritant
Methanol	000067-56-1	10-30	Flammable toxic

3 HAZARDS IDENTIFICATION

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

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: None known.

INGESTION: May be harmful if swallowed.

EYE CONTACT: Contact with liquid may cause eye irritation.

SKIN CONTACT: May cause skin irritation. May cause redness and blistering of skin.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Surfactants	NA	NA	NA	NA

2-Butoxyethanol	20 ppm	50 ppm	450 ppm/4 rat	250 mg/kg rat
Methanol	200 ppm, skin	200 ppm TWA	64000 ppm/4 rat	5600 mg/kg rat

4 FIRST AID MEASURES

INHALATION:

None known.

INGESTION:

Do not induce vomiting. Give victim plenty of water. Obtain medical attention immediately. Never give anything by mouth to an unconscious person.

EYES:

Flush eyes immediately with large amounts of water for at least 15 minutes. Lift upper and lower lids occasionally. Get medical attention.

SKIN:

In case of contact, immediately flush skin with plenty of soap and water. Remove contaminated clothing and laundry before reuse. Seek medical attention if irritation persists.

5 FIRE FIGHTING MEASURES

FLASHPOINT (METHOD):

113° F (ASTM D - 6450)

LOWER EXPLOSION LIMIT (% v/v):

Not available

UPPER EXPLOSION LIMIT (% v/v):

Not available

AUTO-IGNITION TEMPERATURE:

Not available

SPECIAL HAZARDS:

Product may burn in fire conditions.

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical, foam.

SPECIAL FIREFIGHTING PROCEDURES:

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

HAZARDOUS COMBUSTION PRODUCTS:

None.

6 ACCIDENTAL RELEASE MEASURES

Wear specified protective equipment. Remove sources of ignition. Small spills - Cover spill with absorbent material. Scoop absorbed material into a suitable container for disposal. Large spills - Dike to contain. Prevent from entering sewers or waterways. Recover product to suitable containers or vessel for reuse, if possible, or for disposal. Use only explosion proof transfer equipment.

7 HANDLING AND STORAGE

HANDLING:

Avoid contact with skin and eyes. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Electrically ground/bond during pumping or transfer to avoid static accumulation/discharge. Use only in a well ventilated area. Use only spark-proof and explosion-proof tools and equipment. Wash hands before eating and smoking.

STORAGE REQUIREMENTS:

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Local exhaust. Use only in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

Chemical resistant gloves. Chemical resistant goggles. Coveralls. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. (Cartridge respirator)

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Clear/yellow
ODOR:	None
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY:	0.9 - 1.0
VAPOR PRESSURE:	Not available
VAPOR DENSITY (air = 1):	Not available
EVAPORATION RATE:	Not available
BOILING POINT:	Not available
FREEZING POINT:	Not available
pH:	8 - 11 (1% solution)
VISCOSITY (F):	Not available
SOLUBILITY IN WATER:	Soluble

10 STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

INCOMPATIBILITY/CONDITIONS OF REACTIVITY:

Contact with oxidizing agents. Contact with strong acids. Reducing agents.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen.

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: Combustible liquid, n.o.s.
Technical Name(s): 2-Butoxyethanol, Methanol
UN/ID No.: NA 1993
Hazard Class - Primary: Combustible
Hazard Class - Secondary:
Packing Group: III
Reportable Quantity (RQ): 5000 lbs (Methanol)
Emergency Response Guide #: 128

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: Flammable Liquid, n.o.s.
Technical Name(s): 2-Butoxyethanol, Methanol
UN/ID No.: UN 1993
Hazard Class - Primary: Flammable
Hazard Class - Secondary:
Packing Group: III

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: Flammable Liquid, n.o.s.
Technical Name(s): 2-Butoxyethanol, Methanol
UN No.: UN 1993
Hazard Class - Primary: Flammable
Hazard Class - Secondary:
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, Fire

SECTION 313 This product contains the following substance(s) which appear on the List of Toxic Chemicals:, Methanol CAS # 67-56-1

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: 02/20/2009

PREPARED BY: BJ Services Environmental Group

REFERENCES:

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2006.
Guide to Occupational Exposure Values - 2006, American Conference of Governmental Industrial Hygienists, 2006.
Supplier's Literature.
SAX's Dangerous Properties of Industrial Materials
Suspect Chemicals Sourcebook
Dangerous Goods Regulations, 48th ed., International Air Transport Association, 2007.

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.
