



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region
USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GasFlo G**
Item Number: 488531, 488532
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
Methanol	000067-56-1	10-30	Flammable toxic
Surfactants		20-60	
Water	007732-18-5	10-70	

3 HAZARDS IDENTIFICATION

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

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: Not a likely exposure route.

INGESTION: Harmful if swallowed.

EYE CONTACT: Contact with liquid may cause eye irritation.

SKIN CONTACT: Harmful if absorbed through the skin. May cause redness and blistering of skin.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Methanol	200 ppm, skin	200 ppm TWA	64000 ppm/4 rat	5600 mg/kg rat
Surfactants	NA	NA	NA	NA

Water	NA	NA	NA	NA

4 FIRST AID MEASURES

INHALATION:

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

INGESTION:

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

EYES:

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

SKIN:

Wash with soap and water. Seek medical attention if irritation persists.

5 FIRE FIGHTING MEASURES

FLASHPOINT (METHOD):

105°F (CC)

LOWER EXPLOSION LIMIT (% v/v):

Not available

UPPER EXPLOSION LIMIT (% v/v):

Not available

AUTO-IGNITION TEMPERATURE:

Not available

SPECIAL HAZARDS:

Product will burn in fire situation.

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:

Oxides of carbon and nitrogen.

6 ACCIDENTAL RELEASE MEASURES

Cover spill with absorbent material. Scoop absorbed material into a suitable container for disposal. Flush remaining traces of material with copious quantities of water. Wear proper protective equipment as specified in Section 8.

Prevent from entering sewers or waterways.

7 HANDLING AND STORAGE

HANDLING:

Avoid contact with skin and eyes. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Use only spark-proof and explosion-proof tools and equipment.

STORAGE REQUIREMENTS:

Keep container closed when not in use. Keep container dry. Keep container in a well ventilated area. Keep away from ignition sources. Keep away from incompatible materials.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Adequate ventilation should be provided to keep concentrations below acceptable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

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

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

COLOR:	Clear, yellow
ODOR:	Not available
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY:	0.99
VAPOR PRESSURE:	Not available
VAPOR DENSITY (air = 1):	Not available
EVAPORATION RATE:	Not available
BOILING POINT:	Not available
FREEZING POINT:	-5 F
pH:	Neutral or slightly alkaline in a 1% solution
SOLUBILITY IN WATER:	Soluble

10 STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

INCOMPATIBILITY/CONDITIONS OF REACTIVITY:

None known.

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.

14 TRANSPORT INFORMATION

LAND TRANSPORT (DOT)

Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S.
Technical Name(s):	Methanol
UN/ID No.:	UN 1993
Hazard Class - Primary:	3
Hazard Class - Secondary:	
Packing Group:	III
Reportable Quantity (RQ):	

Emergency Response Guide #: 128

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: FLAMMABLE LIQUID,N.O.S.
Technical Name(s): Methanol
UN/ID No.: UN 1993
Hazard Class - Primary: 3
Hazard Class - Secondary:
Packing Group: III

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: FLAMMABLE LIQUID,N.O.S.
Technical Name(s): Methanol
UN No.: UN 1993
Hazard Class - Primary: 3
Hazard Class - Secondary:
Packing Group: III
EmS: F-E, S-E

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 Fire, Immediate

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: 11/09/2010

PREPARED BY: BJ Services HSE

REFERENCES:

Supplier's Literature.

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2008.

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.