



# Baker Hughes

## Material Safety Data Sheet

### 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GW-3LDF**  
 Item Number: 411323  
 Product Use: Gellant - Water  
 Supplier: Baker Hughes  
 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: 0  
 PERSONAL PROTECTION: J

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	Percent	Hazard
Petroleum Distillate Blend	Proprietary	60-70	
Guar gum	009000-30-0	30-40	Irritant

### 3 HAZARDS IDENTIFICATION

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

#### ACUTE OVEREXPOSURE EFFECTS:

**INHALATION:** May cause allergic respiratory reaction. May cause headache, dizziness, nausea and incoordination. May cause respiratory tract irritation.

**INGESTION:** May be harmful if swallowed.

**EYE CONTACT:** May cause eye irritation.

**SKIN CONTACT:** May cause skin irritation.

#### EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Petroleum Distillate Blend	5 (oil mist) mg/m <sup>3</sup>	NA	NA	NA
Guar gum	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	NA	6770 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:**

Get medical attention.

### **EYES:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### **SKIN:**

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and launder before reuse. Seek medical attention if irritation persists.

## **5 FIRE FIGHTING MEASURES**

<b>FLASHPOINT (METHOD):</b>	> 200° F (CC)
<b>LOWER EXPLOSION LIMIT (% v/v):</b>	Not available
<b>UPPER EXPLOSION LIMIT (% v/v):</b>	Not available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not available

### **SPECIAL HAZARDS:**

Containers can build up pressure if exposed to heat (fire). Non-combustible material.

### **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. 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.

## **7 HANDLING AND STORAGE**

### **HANDLING:**

Avoid contact with skin and eyes. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Wash hands before eating and smoking.

### **STORAGE REQUIREMENTS:**

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

## **8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **SPECIFIC ENGINEERING CONTROLS:**

Local exhaust. Use only in a well ventilated area.

### **PERSONAL PROTECTIVE EQUIPMENT:**

Cartridge respirator. Chemical resistant goggles. Neoprene gloves. Nitrile gloves. Rubber apron. Rubber boots.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE:</b>	Liquid
<b>COLOR:</b>	Beige
<b>ODOR:</b>	Hydrocarbon
<b>ODOR THRESHOLD:</b>	Not available

SPECIFIC GRAVITY:	1.07
VAPOR PRESSURE:	Not available
VAPOR DENSITY (air = 1):	Not available
EVAPORATION RATE:	Not available
BOILING POINT:	Not available
FREEZING POINT:	Not available
pH:	6 - 8
VISCOSITY (F):	Not available
SOLUBILITY IN WATER:	Not available

## **10 STABILITY AND REACTIVITY**

### **STABILITY:**

Stable under normal conditions of use.

### **INCOMPATIBILITY/CONDITIONS OF REACTIVITY:**

Strong oxidizers.

### **HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:**

Oxides of carbon.

### **HAZARDOUS POLYMERIZATION:**

Will not occur.

## **11 TOXICOLOGICAL PROPERTIES**

### **CHRONIC EFFECTS:**

Not determined.

### **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: NOT RESTRICTED

UN/ID No.: NA

Hazard Class - Primary:

Hazard Class - Secondary:

Packing Group:

Reportable Quantity (RQ):

Emergency Response Guide #:

### **AIR TRANSPORT (ICAO/IATA)**

Proper Shipping Name: NOT RESTRICTED  
UN/ID No.: NA  
Hazard Class - Primary:  
Hazard Class - Secondary:  
Packing Group:

### **MARINE TRANSPORT (IMDG/IMO)**

Proper Shipping Name: NOT RESTRICTED  
UN No.: NA  
Hazard Class - Primary:  
Hazard Class - Secondary:  
Packing Group:  
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:** 10/07/2008

**PREPARED BY:** Environmental Group

### **REFERENCES:**

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2006.

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

Guide to Occupational Exposure Values - 2006, American Conference of Governmental Industrial Hygienists, 2006.

SAX's Dangerous Properties of Industrial Materials

Supplier's Literature.

Suspect Chemicals Sourcebook

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