

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

## WG-38

Revision Date: 12-Aug-2014

Revision Number: 3

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier**

Product Name WG-38

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended Use Carrier Fluid Gelling Agent

**1.3. Details of the supplier of the safety data sheet**

Halliburton Energy Services  
Halliburton House, Howemoss Place  
Kirkhill Industrial Estate  
Dyce  
Aberdeen, AB21 0GN  
United Kingdom

Emergency Phone Number: +44 1224 795277 or +1 281 575 5000

[www.halliburton.com](http://www.halliburton.com)

For further information, please contact

E-Mail address: [fdunexchem@halliburton.com](mailto:fdunexchem@halliburton.com)**1.4. Emergency telephone number**

+44 1224 795277 or +1 281 575 5000

Emergency telephone - §45 - (EC)1272/2008	
Europe	112
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
France	ORFILA (FR): + 01 45 42 59 59
Germany	Poison Center Berlin (DE): +49 030 30686 790
Italy	Poison Center, Milan (IT): +39 02 6610 1029
Netherlands	National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway	Poisons Information (NO): + 47 22 591300
Poland	Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54; +48 22 619 08 97
Spain	Poison Information Service (ES): +34 91 562 04 20
United Kingdom	NHS Direct (UK): +44 0845 46 47

**SECTION 2: Hazards Identification****2.1. Classification of the substance or mixture**

REGULATION (EC) No 1272/2008

Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

Classification Not Classified  
Risk Phrases None

**2.2. Label Elements**

**Hazard Pictograms****Signal Word** None**Hazard Statements**  
Not Classified**Precautionary Statements - EU (§28, 1272/2008)**  
None**Contains****2.3. Other Hazards**  
None known**SECTION 3: Composition/information on Ingredients**For the full text of the R-phrases mentioned in this Section, see Section 16**3.1. Substances** Substance  
**3.2. Mixtures** Not applicable**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Eyes</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<b>Skin</b>	Wash with soap and water. Get medical attention if irritation persists.
<b>Ingestion</b>	Under normal conditions, first aid procedures are not required.

**4.2. Most Important symptoms and effects, both acute and delayed**  
No information available**4.3. Indication of any immediate medical attention and special treatment needed**  
**Notes to Physician** Treat symptomatically**SECTION 5: Firefighting Measures****5.1. Extinguishing media****Suitable Extinguishing Media**

Water fog, carbon dioxide, foam, dry chemical.

**Extinguishing media which must not be used for safety reasons**

None known.

**5.2. Special hazards arising from the substance or mixture****Special Exposure Hazards**

Decomposition in fire may produce toxic gases. Organic dust in the presence of an ignition source can be explosive in high concentrations. Good housekeeping practices are required to minimize this potential.

**5.3. Advice for firefighters****Special Protective Equipment for Fire-Fighters**

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**  
Use appropriate protective equipment.

See Section 8 for additional information

### **6.2. Environmental precautions**

Prevent from entering sewers, waterways, or low areas.

### **6.3. Methods and material for containment and cleaning up**

Isolate spill and stop leak where safe. Scoop up and remove. Do NOT spread spilled product with water.

### **6.4. Reference to other sections**

See Section 8 and 13 for additional information.

## **SECTION 7: Handling and Storage**

### **7.1. Precautions for Safe Handling**

Avoid contact with eyes, skin, or clothing. Slippery when wet.

#### **Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

### **7.2. Conditions for safe storage, including any incompatibilities**

Store away from oxidizers. Keep container closed when not in use. Store in a dry location.

### **7.3. Specific End Use(s)**

#### **Exposure Scenario**

No information available

#### **Other Guidelines**

No information available

## **SECTION 8: Exposure Controls/Personal Protection**

### **8.1. Control parameters**

#### **Exposure Limits**

#### **Derived No Effect Level (DNEL) Worker**

No information available.

#### **General Population**

#### **Predicted No Effect Concentration (PNEC)**

No information available.

### **8.2. Exposure controls**

#### **Engineering Controls**

Use in a well ventilated area.

#### **Personal protective equipment**

If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

#### **Respiratory Protection**

If engineering controls and work practices cannot keep exposure below occupational exposure limits or if exposure is unknown, wear a NIOSH certified, European Standard EN 149, AS/NZS 1715:2009, or equivalent respirator when using this product. Selection of and instruction on using all personal protective equipment, including respirators, should be performed by an Industrial Hygienist or other qualified professional. Not normally needed. But if significant exposures are possible then the following respirator is recommended:

Dust/mist respirator. (N95, P2/P3)

#### **Hand Protection**

Impervious rubber gloves.

#### **Skin Protection**

Normal work coveralls.

#### **Eye Protection**

Wear safety glasses or goggles to protect against exposure.

#### **Other Precautions**

None known.

**Environmental Exposure Controls** No information available

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Physical State:</b>	Powder	<b>Color:</b>	White to tan
<b>Odor:</b>	Slight	<b>Odor Threshold:</b>	No information available
<u>Property</u>	<u>Values</u>		
<u>Remarks/ - Method</u>			
<b>pH:</b>	7 (1%)		
<b>Freezing Point/Range</b>	No data available		
<b>Melting Point/Range</b>	No data available		
<b>Boiling Point/Range</b>	No data available		
<b>Flash Point</b>	No data available		
<b>Evaporation rate</b>	No data available		
<b>Vapor Pressure</b>	No data available		
<b>Vapor Density</b>	No data available		
<b>Specific Gravity</b>	No data available		
<b>Water Solubility</b>	No data available		
<b>Solubility in other solvents</b>	No data available		
<b>Partition coefficient: n-octanol/water</b>	No data available		
<b>Autoignition Temperature</b>	No data available		
<b>Decomposition Temperature</b>	No data available		
<b>Viscosity</b>	No data available		
<b>Explosive Properties</b>	No information available		
<b>Oxidizing Properties</b>	No information available		

### 9.2. Other information

**VOC Content (%)** No data available

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Not applicable

### 10.2. Chemical Stability

Stable

### 10.3. Possibility of Hazardous Reactions

Will Not Occur

### 10.4. Conditions to Avoid

None anticipated

### 10.5. Incompatible Materials

Strong oxidizers.

### 10.6. Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

#### Acute Toxicity

<b>Inhalation</b>	May cause irritation (upper respiratory) which includes soreness of the nose and throat, coughing and sneezing.
<b>Eye Contact</b>	May cause mechanical irritation to eye.
<b>Skin Contact</b>	Prolonged or repeated contact may cause slight skin irritation.
<b>Ingestion</b>	None known

**Chronic Effects/Carcinogenicity** No data available to indicate product or components present at greater than 1% are chronic health hazards.

### Toxicology data for the components

## SECTION 12: Ecological Information

### 12.1. Toxicity

#### Ecotoxicity Effects

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

No information available

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

#### Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

#### Disposal Method

#### Contaminated Packaging

Disposal should be made in accordance with federal, state, and local regulations.  
Follow all applicable national or local regulations.

## SECTION 14: Transport Information

### IMDG/IMO

UN Number:	Not restricted.
UN Proper Shipping Name:	Not restricted
Transport Hazard Class(es):	Not applicable
Packing Group:	Not applicable
Environmental Hazards:	Not applicable

### RID

UN Number:	Not restricted.
UN Proper Shipping Name:	Not restricted
Transport Hazard Class(es):	Not applicable
Packing Group:	Not applicable
Environmental hazard:	Not applicable

### ADR

UN Number:	Not restricted.
UN Proper Shipping Name:	Not restricted
Transport Hazard Class(es):	Not applicable
Packing Group:	Not applicable
Environmental hazard:	Not applicable

**IATA/ICAO**

<b>UN Number:</b>	Not restricted.
<b>UN Proper Shipping Name:</b>	Not restricted
<b>Transport Hazard Class(es):</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Environmental hazard:</b>	Not applicable

**14.1. UN Number:** Not restricted.

**14.2. UN Proper Shipping Name:** Not restricted

**14.3. Transport Hazard Class(es):** Not applicable

**14.4. Packing Group:** Not applicable

**14.5. Environmental Hazards:** Not applicable

**14.6. Special Precautions for User:** None

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

**SECTION 15: Regulatory Information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****International Inventories**

<b>EINECS Inventory</b>	This product does not comply with EINECS
<b>US TSCA Inventory</b>	All components listed on inventory or are exempt.
<b>Canadian DSL Inventory</b>	All components listed on inventory or are exempt.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**Germany, Water Endangering Classes (WGK)** WGK 0: Generally not water endangering.

**15.2. Chemical Safety Assessment**

No information available

**SECTION 16: Other Information****Full text of R-phrases referred to under Sections 2 and 3**

None

**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

**Revision Date:** 12-Aug-2014

**Revision Note**

Not applicable

**This safety data sheet complies with the requirements of Regulation (EC) No. 453/2010**

**Disclaimer Statement**

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**End of Safety Data Sheet**