

## SAFETY DATA SHEET

### WG-17EXP GELLING AGENT

Revision Date: 03-Oct-2013

Revision Number: 12

#### 1. Product and Company Identification

**Product Name**

**Product Trade Name:** WG-17EXP GELLING AGENT

**Other Names**

**Synonyms:** None

**Product Code:** HM004615

**Recommended Use**

**Recommended Use**

Gelling Agent

**Uses Advised Against** No information available

**Company Name, Address and Contact Details**

**Manufacturer/Supplier** Halliburton New Zealand  
1 Paraite Rd,  
Bell Block, New Plymouth  
New Zealand Registration No.: 824207

**E-Mail address:** fdunexchem@halliburton.com

**Emergency Telephone Number** +64-6-7559274

**New Zealand National Poisons Centre** 0800 764 766 (24 hours)

#### 2. Hazard(s) Identification

**Statement of Hazardous Nature**

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulation 2001;  
Not Classified as dangerous good according to NZS 5433:2012, UN, IMDG or IATA

**Classification**

6.3A Irritating to the skin

6.4A Irritating to the eye

**Hazard and Precautionary Statements**

**Hazard Pictograms**



**Signal Word** Warning

**Hazard Statements** H315 - Causes skin irritation  
H319 - Causes serious eye irritation

**Precautionary Statements**

**Prevention**

P103 - Read label before use  
 P104 - Read Safety Data Sheet before use  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P280 - Wear protective gloves/eye protection/face protection

**Response**

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
 P332 + P313 - If skin irritation occurs: Get medical advice/attention  
 P362 - Take off contaminated clothing and wash before reuse  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337 - If eye irritation persists

**Storage**

None

**Disposal**

P501 - Dispose of contents/container to an approved incineration plant

**Contains**

Substances	CAS Number	Substance HSNO Classification
Paraffin based petroleum oil	8012-95-1	6.1E (aspiration hazard) 6.3A 6.4A

**2.3 Other Hazards**

None known

### 3. Composition and Information on Ingredients

Substances	CAS Number	PERCENT (w/w)
Paraffin based petroleum oil	8012-95-1	30 - 60%

### 4. First-Aid Measures

**Requirements for First Aid or Medical Care****Inhalation**

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult. Not a hazard under normal use conditions.

**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**

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

**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.

**Workplace Facilities Required**

None

**Relation to Health Effect****Most Important Symptoms/Effects**

May cause mild eye, skin, and respiratory irritation.

**Medical Attention and Special Treatment****Notes to Physician**

Treat symptomatically

### 5. Fire-Fighting Measures

**Type of Hazard****Flammability Hazard**

Non-flammable

**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.

**HAZCHEM Code****Hazchem Code:** None Allocated**Special Protective Equipment and Precautions for Fire Fighters****Special Protective Equipment for Fire-Fighters**

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

**Special Exposure Hazards**

Use water spray to cool fire exposed surfaces. Closed containers may explode in fire. Decomposition in fire may produce toxic gases.

**6. Spillage, Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use appropriate protective equipment.

See Section 12 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. Contain spill with sand or other inert materials. Scoop up and remove.

**6.4 Reference to other sections**

See Section 12 for additional information.

**7. Handling and Storage****7.1 Precautions for Safe Handling****Handling Precautions**

Avoid contact with eyes, skin, or clothing. Avoid breathing vapors.

**Handling Practices****Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

**Approved Handlers**

This product does NOT require an approved handler.

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

Store away from oxidizers. Keep container closed when not in use. Store between 40.5 F (4.7 C) and 120.5 F (49 C). Store in a well ventilated area.

**Store Site Requirements**

No special controls required

**Packaging**

No special packaging required

**8. Exposure Controls and Personal Protection****Workplace Exposure Standards****Exposure Limits**

Substances	CAS Number	New Zealand WES	ACGIH TLV-TWA
Paraffin based petroleum oil	8012-95-1	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

**Engineering Controls****Engineering Controls**

Use in a well ventilated area.

**Personal Protective Equipment (PPE)****Respiratory Protection**

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**

Rubber apron.

**Eye Protection**

Chemical goggles; also wear a face shield if splashing hazard exists.

**Other Precautions**

Eyewash fountains and safety showers must be easily accessible.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

## 9. Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties**

**Physical State:** Liquid

**Color:** Yellowish

**Odor:** Mild

**Odor Threshold:** No information available

PropertyValuesRemarks/ - Method**pH:**

No data available

**Freezing Point/Range**

< -9 °C

**Melting Point/Range**

No data available

**Boiling Point/Range**

301 - 427 °C

**Flash Point**

185 °C

**PMCC****upper flammability limit**

7

**lower flammability limit**

1

**Evaporation rate**

No data available

**Vapor Pressure**

< 0.1 mmHg

**Vapor Density**

> 10

**Specific Gravity**

1.045

**Water Solubility**

Insoluble in water

**Solubility in other solvents**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Autoignition Temperature**

360 °C

**Decomposition Temperature**

No data available

**Viscosity**

No data available

**Explosive Properties**

No information available

**Oxidizing Properties**

No information available

**9.2 Other information****VOC Content (%)**

No data available

## 10. Stability and Reactivity

**10.2 Chemical Stability**

Stable

**10.4 Conditions to Avoid**

None anticipated

**10.5 Incompatible Materials**

Strong oxidizers.

**10.6 Hazardous Decomposition Products**

Carbon monoxide and carbon dioxide.

**Hazardous Reactions****Hazardous Polymerization:**

Will Not Occur

## 11. Toxicological Information

**Health Effect from Likely Routes of Exposure****Acute Toxicity**

<b>Inhalation</b>	None known.
<b>Eye Contact</b>	May cause eye irritation.
<b>Skin Contact</b>	May cause a rash and itching of the skin. May cause skin irritation.
<b>Ingestion</b>	May be harmful if swallowed.

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

#### Toxicity Data

#### Toxicology data for the components

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Paraffin based petroleum oil	8012-95-1	> 2000 mg/kg (Rat)	> 15000 mg/kg (Rodent)	No data available

## 12. Ecological Information

### 12.1 Toxicity Ecotoxicity Effects

#### Product Ecotoxicity Data

No data available

#### Substance Ecotoxicity Data

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Paraffin based petroleum oil	8012-95-1	No information available	>1000 mg/L (Oncorhynchus mykiss)	No information available	No information available

### 12.2 Persistence and degradability

No information available

### 12.3 Bioaccumulative potential

No information available

### 12.4 Mobility in soil

No information available

### Ecotoxicity Hazard Statements

None known

### 12.6 Other adverse effects

#### Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

## 13. Disposal Considerations

### 13.1 Waste treatment methods

#### Disposal Method

Disposal should be made in accordance with federal, state, and local regulations. Incineration recommended in approved incinerator according to federal, state, and local regulations. Substance should NOT be deposited into a sewage facility.

#### Contaminated Packaging

Follow all applicable national or local regulations. Contaminated packaging may be disposed of by: rendering packaging incapable of containing any substance, or treating packaging to remove residual contents, or treating packaging to make sure the residual contents are no longer hazardous, or by disposing of packaging into commercial waste collection.

## 14. Transport Information

**IMDG/IMO**

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

**NZ 5433.1999**

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

**IATA/ICAO**

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

**Special Precautions for User** None

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

**15. Regulatory Information**

**New Zealand Inventory of Chemicals** All components listed on inventory or are exempt.

**HSNO Approval Number** HSR002503

**Group Name** Additives, Process Chemicals and Raw Materials (Subsidiary hazard HSR002503)

**HSNO Controls** Refer to the NZ EPA website for more information: <http://www.epa.govt.nz>

**Approved Handlers** Not Applicable

**Poisons Schedule:** None Allocated

**16. Other information, including date of preparation or last revision**

**The following sections have been revised since the last issue of this SDS**

Not applicable

**Additional Information** For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Safety Data Sheet for this or other Halliburton products, contact Chemical Compliance at 1-580-251-4335.

**Key literature references and sources for data**

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

**Revision Date:** 03-Oct-2013

**Revision Note**

Not applicable

**Disclaimer Statement**

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**End of Safety Data Sheet**