

## SAFETY DATA SHEET

### CAL-SEAL 60

Revision Date: 14-May-2013

Revision Number: 14

#### 1. Product and Company Identification

##### Product Name

Product Trade Name: CAL-SEAL 60

##### Other Names

Synonyms: None  
Product Code: HM000146

##### Recommended Use

Recommended Use Additive  
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

Not 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

Non-hazardous

##### Hazard and Precautionary Statements

##### Hazard Pictograms

Signal Word None

Hazard Statements Not Hazardous

##### Precautionary Statements

## 2. Hazard(s) Identification

<b>Prevention</b>	None
<b>Response</b>	None
<b>Storage</b>	None
<b>Disposal</b>	None

**Contains**

Substances	CAS Number	Substance HSNO Classification
Calcium sulfate hemihydrate	10034-76-1	Not applicable

**Other Hazards**

None known

## 3. Composition and Information on Ingredients

Substances	CAS Number	PERCENT
Calcium sulfate hemihydrate	10034-76-1	60 - 100%

## 4. First-Aid Measures

**Requirements for First Aid or Medical Care**

<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.

**Workplace Facilities Required**

None

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

May cause eye and skin irritation.

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

Treat symptomatically

## 5. Fire-Fighting Measures

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

Non-flammable

**Extinguishing media****Suitable Extinguishing Media**

All standard fire fighting media

## 5. Fire-Fighting Measures

### 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

Not applicable.

#### Special Exposure Hazards

Not applicable.

## 6. Spillage, Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment. Avoid creating and breathing dust.

See Section 12 for additional information

### Environmental precautions

Prevent from entering sewers, waterways, or low areas.

### Methods and material for containment and cleaning up

Scoop up and remove.

### Reference to other sections

See Section 12 for additional information.

## 7. Handling and Storage

### Precautions for Safe Handling

#### Handling Precautions

Avoid creating or inhaling dust.

### Handling Practices

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

### Approved Handlers

This product does NOT require an approved handler.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry location. Product has a shelf life of 24 months.

### Store Site Requirements

No special controls required

### Packaging

No special packaging required

## 8. Exposure Controls and Personal Protection

### Workplace Exposure Standards

Substances	CAS Number	New Zealand WES	ACGIH TLV-TWA

## 8. Exposure Controls and Personal Protection

Calcium sulfate hemihydrate	10034-76-1	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
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### Engineering Controls

**Engineering Controls** Use in a well ventilated area. Localized ventilation should be used to control dust levels.

### Personal Protective Equipment (PPE)

<b>Respiratory Protection</b>	Dust/mist respirator. (N95, P2/P3)
<b>Hand Protection</b>	Normal work gloves.
<b>Skin Protection</b>	Normal work coveralls.
<b>Eye Protection</b>	Wear safety glasses or goggles to protect against exposure.
<b>Other Precautions</b>	None known.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical State:</b>	Solid	<b>Color:</b>	White
<b>Odor:</b>	Odorless	<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>
<u>Remarks/ Method</u>	
<b>pH:</b>	10.4
<b>Melting Point/Range</b>	No data available
<b>Freezing Point/Range (C):</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>	2.7
<b>Water Solubility</b>	Partly soluble
<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

### Other information

<b>Molecular Weight</b>	145
<b>VOC Content (%)</b>	No data available

## 10. Stability and Reactivity

### Chemical Stability

Stable

### Conditions to Avoid

None anticipated

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## 10. Stability and Reactivity

### Hazardous Reactions

Hazardous Polymerization: Will Not Occur

## 11. Toxicological Information

### Health Effect from Likely Routes of Exposure

#### Acute Toxicity

Inhalation	May cause respiratory irritation.
Eye Contact	May cause eye irritation.
Skin Contact	May cause skin irritation.
Ingestion	May act as obstruction if swallowed.

#### Chronic Effects/Carcinogenicity

No data available to indicate product or components present at greater than 1% are chronic health hazards.

#### Toxicity Data

Substances	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium sulfate hemihydrate	> 3000 mg/kg (Rat) 5824 mg/kg (Rat)	No data available	No data available

Test species: Rat

## 12. Ecological Information

### Toxicity

#### Ecotoxicity Effects

#### Product Ecotoxicity Data

No data available

#### Substance Ecotoxicity Data

Substances	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Calcium sulfate hemihydrate	No information available	LC50: > 1970 mg/l (Pimephales promelas) EC50: > 3163 mg/L (Oncorhynchus mykiss)	No information available	No information available

#### Persistence and degradability

The methods for determining biodegradability are not applicable to inorganic substances.

#### Bioaccumulative potential

Does not bioaccumulate

#### Mobility in soil

No information available

#### Ecotoxicity Hazard Statements

None known

**Other adverse effects****Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors

<b>13. Disposal Considerations</b>
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**Waste treatment methods****Disposal Method**

Bury in a licensed landfill according to federal, state, and local regulations.

**Contaminated Packaging**

Follow all applicable national or local regulations.

<b>14. Transport Information</b>
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**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

<b>15. Regulatory Information</b>
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**New Zealand Inventory of Chemicals** All components listed on inventory or are exempt.

**HSNO Approval Number** Non-Hazardous

**Group Name** Not Applicable

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

**Approved Handlers** Not Applicable

**Poisons Schedule:** None Allocated

<b>16. Other Information</b>
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**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/  
NZ CCID

National Toxicology Program (NTP)

**Revision Date:** 14-May-2013  
**Revision Note** Not applicable

**Disclaimer Statement**

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**End of Safety Data Sheet**