

SAFETY DATA SHEET**WellLife™ 684****Revision Date:** 10-Apr-2013**Revision Number:** 5**1. Product and Company Identification****Product Name****Product Trade Name:** WellLife™ 684**Other Names****Synonyms:** None**Product Code:** HM006935**Recommended Use****Recommended Use** Cement 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**HSNO Classification** Non-hazardous**Hazard and Precautionary Statements****Hazard Pictograms****Signal Word** None**Hazard Statements** Not Hazardous

2. Hazard(s) Identification

Precautionary Statements

Prevention None

Response None

Storage None

Disposal None

Contains

Substances	CAS Number	Substance HSNO Classification
Carbon	7440-44-0	Not applicable

Other Hazards

None known

3. Composition and Information on Ingredients

Substances	CAS Number	PERCENT
Carbon	7440-44-0	60 - 100%

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.
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. Fire-Fighting Measures

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

Not applicable.

Special Exposure Hazards

Flammable dust when in finely divided and highly suspended state.

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

None known.

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. Avoid dust accumulations.

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 away from oxidizers. Store in a dry location. Product has a shelf life of 60 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
Carbon	7440-44-0	Not applicable	10 mg/m ³

Engineering Controls

Engineering Controls A well ventilated area to control dust levels.

Personal Protective Equipment (PPE)

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, 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	Normal work gloves.
Skin Protection	Normal work coveralls.
Eye Protection	Wear safety glasses or goggles to protect against exposure.
Other Precautions	None known.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State:	fibers	Color:	Black
Odor:	Odorless	Odor Threshold:	No information available

Property	Values
<u>Remarks/ Method</u>	
pH:	No data available
Melting Point/Range	No data available
Freezing Point/Range (C):	No data available
Boiling Point/Range	No data available
Flash Point	> 450°C
PMCC	
Evaporation rate	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.9
Water Solubility	Insoluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No information available
Oxidizing Properties	No information available

Other information

VOC Content (%)	No data available
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10. Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

None anticipated

Incompatible Materials

Strong oxidizers.

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

Inhalation	May cause mild respiratory irritation.
Eye Contact	May cause mild eye irritation.
Skin Contact	May cause mild skin irritation.
Ingestion	May cause mild gastric distress.

Chronic Effects/Carcinogenicity Prolonged, excessive exposure to dust may cause pneumoconiosis, a lung disease caused by inhaling dust particles less than 0.5 micrometers into the lungs.

Toxicity Data

Substances	LD50 Oral	LD50 Dermal	LC50 Inhalation
Carbon	10000 mg/kg (Rat)	No data available	No data available

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)
Carbon	No information available	No information available	No information available	No information available

Persistence and degradability

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

Bioaccumulative potential

No information available

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

13. Disposal Considerations**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.

14. Transport Information**IMDG/IMO**

UN Number: Not restricted.

UN Proper Shipping Name: Not restricted

Transport Hazard Not applicable

Class(es):

NZ 5433.1999

UN Number: Not restricted.

UN Proper Shipping Name: Not restricted

Transport Hazard Not applicable

Class(es):

IATA/ICAO

UN Number: Not restricted.

UN Proper Shipping Name: Not restricted

Transport Hazard Not applicable

Class(es):

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

Not 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

15. Regulatory Information

Poisons Schedule: None Allocated

16. Other Information

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/

Revision Date: 10-Apr-2013

Revision Note Not applicable

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End of Safety Data Sheet