

SAFETY DATA SHEET

SUPER CBL ADDITIVE

Revision Date: 12-Apr-2013

Revision Number: 17

1. Product and Company Identification

Product Name**Product Trade Name:** SUPER CBL ADDITIVE**Other Names****Synonyms:** None**Product Code:** HM001309**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

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** 4.1.1B Flammable Solids
6.9B Harmful to human target organs or systems
9.1D Slightly harmful in the aquatic environment**Hazard and Precautionary Statements**

2. Hazard(s) Identification

Hazard Pictograms



Signal Word

Warning

Hazard Statements

H228 - Flammable solid
H371 - May cause damage to organs if inhaled
H413 - May cause long lasting harmful effects to aquatic life

Precautionary Statements

Prevention

P103 - Read label before use
P104 - Read Safety Data Sheet before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P240 - Ground/Bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting/equipment
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/eye protection/face protection

Response

P370 + P378 - In case of fire: Use sand for extinction
P309 + P311 - If exposed or you feel unwell: Call a POISON CENTRE or doctor/physician

Storage

P405 - Store locked up

Disposal

P501 - Dispose of contents/container to an approved landfill

Contains

Substances	CAS Number	Substance HSNO Classification
Aluminum	7429-90-5	4.11B 6.9B 9.1D

Other Hazards

None known

3. Composition and Information on Ingredients

Substances	CAS Number	PERCENT
Aluminum	7429-90-5	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	Under normal conditions, first aid procedures are not required.

Workplace Facilities Required

None

Relation to Health Effect

Most Important Symptoms/Effects

May cause respiratory irritation. May cause delayed injury to lungs. Neurotoxicity

Medical Attention and Special Treatment

Notes to Physician

Treat symptomatically

5. Fire-Fighting Measures

Type of Hazard

Flammability Hazard

Flammable dust when in finely divided and highly suspended state.

Extinguishing media

Suitable Extinguishing Media

Sand.

Extinguishing media which must not be used for safety reasons

Do NOT use water or carbon dioxide or other liquids on aluminum fires.

HAZCHEM Code

Hazchem Code: 4Y

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

Flammable dust when in finely divided and highly suspended state. Avoid stirring burning aluminum. Shut off electricity. Isolate material. Ring sand or class D extinguishing material around fire to contain.

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

Remove ignition sources and work with non-sparking tools. 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 well ventilated area. Store away from oxidizers. Keep container closed when not in use. Store locked up. Store away from acids. Store away from alkalis. Store away from water. Store in a cool, dry location. Product has a shelf life of 9 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
Aluminum	7429-90-5	TWA: 10 mg/m ³	TWA: 1 mg/m ³

Engineering Controls

Engineering Controls Use in a well ventilated area.

Personal Protective Equipment (PPE)

Respiratory Protection 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: Solid
Odor: Odorless

Color: Silver
Odor Threshold: No information available

Property
Remarks/ Method

Values

pH:
Melting Point/Range
Freezing Point/Range (C):
Boiling Point/Range
Flash Point
Closed cup
lower flammability limit
Evaporation rate
Vapor Pressure
Vapor Density
Specific Gravity
Water Solubility
Solubility in other solvents
Partition coefficient: n-octanol/water
Autoignition Temperature
Decomposition Temperature
Viscosity
Explosive Properties
Oxidizing Properties

No data available
No data available
No data available
No data available
> 176°C
0.04%
No data available
No data available
No data available
2.7
Insoluble in water
No data available
No data available
650°C
No data available
No data available
No information available
No information available

Other information

VOC Content (%) No data available

10. Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

Keep away from any contact with water.

Incompatible Materials

Contact with water. Strong acids. Strong alkalis. Strong oxidizers. Halogenated compounds.

Hazardous Decomposition Products

Flammable hydrogen gas. Metal oxides.

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 mild eye irritation.
Skin Contact	None known.
Ingestion	None known.

11. Toxicological Information

Chronic Effects/Carcinogenicity Prolonged or repeated exposure may cause lung damage.

Toxicity Data

Substances	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aluminum	No data available	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)
Aluminum	EC50: 6919.83 mg/L (Skeletonema costatum)	LC50: >10000 mg/L (Scophthalmus maximus)	No information available	LC50: 190 mg/L (Arcatia tonsa)

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

Slightly harmful in the aquatic environment.

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. 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.

14. Transport Information

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 HSR002522

Group Name Class 4 Substances (Class 4 HSR002522)

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

Approved Handlers This product does NOT require an approved handler.

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/
NZ CCID

Revision Date: 12-Apr-2013
Revision Note Not applicable

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End of Safety Data Sheet