

SAFETY DATA SHEET

CLEANBORE B

Revision Date: 09-Apr-2013

Revision Number: 13

1. Product and Company Identification

Product Name**Product Trade Name:** CLEANBORE B**Other Names****Synonyms:** None**Product Code:** HM000375**Recommended Use****Recommended Use** Surfactant**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** 6.1D (Oral) Acutely Toxic Substances
6.3A Irritating to the skin
8.3A Corrosive to ocular tissue
9.1D Slightly harmful in the aquatic environment
9.3C Harmful to terrestrial vertebrates**Hazard and Precautionary Statements**

2. Hazard(s) Identification

Hazard Pictograms



Signal Word

Danger

Hazard Statements

H318 - Causes serious eye damage
 H302 - Harmful if swallowed
 H315 - Causes skin irritation
 H402 - Harmful to aquatic life
 H433 - Harmful to the terrestrial vertebrates.

Precautionary Statements

Prevention

P102 - Keep out of reach of children
 P103 - Read label before use
 P104 - Read Safety Data Sheet before use.
 P264 - Wash face, hands and any exposed skin thoroughly after handling
 P270 - Do not eat, drink or smoke when using this product
 P280 - Wear protective gloves/eye protection/face protection

Response

P301+ P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P330 - Rinse mouth
 P331 - Do NOT induce vomiting
 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
 P310 - Immediately call a POISON CENTER or doctor/physician

Storage

None

Disposal

P501 - Dispose of contents/container to an approved waste disposal plant

Contains

Substances	CAS Number	Substance HSNO Classification
Mixture of C9-C11 alcohol ethoxylate	68439-46-3	6.1D (oral) 6.3A 8.3A 9.1D 9.3C

Other Hazards

None known

3. Composition and Information on Ingredients

Substances	CAS Number	PERCENT
Mixture of C9-C11 alcohol ethoxylate	68439-46-3	60 - 100%

4. First-Aid Measures

Requirements for First Aid or Medical Care

Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Eyes	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Skin	In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.
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 eye burns. May cause skin irritation. May be harmful if swallowed.

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

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

Decomposition in fire may produce toxic gases.

6. Spillage, Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment.

See Section 12 for additional information

Environmental precautions

Prevent from entering sewers, waterways, or low areas.

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.

Reference to other sections

See Section 12 for additional information.

7. Handling and Storage

Precautions for Safe Handling

Handling Precautions

Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Wash hands after use. Launder contaminated clothing before reuse.

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 well ventilated area. Keep container closed when not in use. Store locked up. Store away from oxidizers. Store in a dry location. Product has a shelf life of 36 months. Store at temperatures between 50 and 100 F (10 and 37.8 C). Do not freeze.

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
Mixture of C9-C11 alcohol ethoxylate	68439-46-3	Not applicable	Not applicable

Engineering Controls

Engineering Controls

Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation.

Personal Protective Equipment (PPE)

Respiratory Protection	In high concentrations, supplied air respirator or a self-contained breathing apparatus. Organic vapor respirator.
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

Information on basic physical and chemical properties

Physical State: Liquid
Odor: Mild

Color: Clear colorless
Odor Threshold: No information available

Property
Remarks/ Method

Values

pH:
Melting Point/Range
Freezing Point/Range (C):
Boiling Point/Range
Flash Point
PMCC
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
> 204°C
137°C

No data available
0.1 mmHg
8
0.93
Partly soluble
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available

Other information

Molecular Weight > 600
VOC Content (%) No data available

10. Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

Keep away from heat, sparks and flame.

Incompatible Materials

Prolonged contact with aluminum. 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 respiratory irritation.
Eye Contact	Causes severe eye irritation which may damage tissue.
Skin Contact	May cause moderate skin irritation. May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.
Ingestion	May act as obstruction if swallowed.

Chronic Effects/Carcinogenicity May contain ethylene oxide in the headspace of the drum. Ethylene oxide is a cancer and reproductive hazard.

Toxicity Data

Substances	LD50 Oral	LD50 Dermal	LC50 Inhalation
Mixture of C9-C11 alcohol ethoxylate	1378 mg/kg; 1400 mg/kg	2 g/kg (Rabbit)	No data available

12. Ecological Information

Toxicity

Ecotoxicity Effects

Product Ecotoxicity Data

Acute Fish Toxicity:	Not determined
Acute Algae Toxicity:	Not determined
Acute Crustaceans Toxicity:	Not determined

Substance Ecotoxicity Data

Substances	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Mixture of C9-C11 alcohol ethoxylate	EC50: 0.05 - 50 mg/L	LC50: 8.5 mg/L	No information available	LC50: 2.9 - 8.5 mg/L

Persistence and degradability

No information available

Bioaccumulative potential

No information available

Mobility in soil

No information available

Ecotoxicity Hazard Statements

Slightly harmful in the aquatic environment.
Harmful to terrestrial vertebrates.

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**

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 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

HSR002530

Group Name

Cleaning Products (Subsidiary hazard HSR002530)

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:

09-Apr-2013

Revision Note

Not applicable

Disclaimer Statement

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End of Safety Data Sheet