



Safety Data Sheet

Core Warrior

SDS Revision Date: 02/22/2017

1. Identification

1.1. Product identifier

Product Identity

Core Warrior (9410056)

Alternate Names

None

1.2. Relevant identified uses of the substance or mixture and application method

Intended use

Additive

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

Drilling Mud Canada

P.O. Box 1330, 560 Browning Street, P0J 1K0

Haileybury, Ontario, Canada

Emergency

CHEMTREC (USA)

(800) 424-9300

24 hour Emergency Telephone No.

International +1-703-527-3887

Customer Service: TIME Limited

(705) 647-8138

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Not classified

-

2.2. Label elements

Hazard Pictograms

Signal Word

Not Classified

Hazard Statements

Not Hazardous

Precautionary Statements

[Prevention]:

None

[Response]:

None

[Storage]: None

[Disposal]:

None

2.3 Hazards not otherwise classified

Aqueous solutions or powders that become wet render surfaces extremely slippery.



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3. Composition/information on ingredients

Substances	CAS Number	Concentration [%]	GHS Classification - US
Contains no hazardous substances	NA	60 - 100%	Not classified

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

Inhalation

Move to fresh air. Consult a physician if necessary.

Eyes

Rinse immediately with plenty of water for at least 15 minutes with eyelids held open. Obtain medical attention.

Skin

Wash off with soap and water. If symptoms persist, call a physician.

Ingestion

Immediately rinse mouth with water. Do NOT induce vomiting. Obtain immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

May cause eye and skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Water spray, Carbon dioxide (CO₂), Dry chemical

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for fire-fighters

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

In the event of fire, cool tanks with water spray.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment.

See Section 8 for additional information.

6.2. Environmental precautions OSHA PEL-TWA

None known.



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6.3. Methods and material for containment and cleaning up

Danger for slipping. Soak up with inert absorbent material. Take up mechanically and collect into suitable containers for disposal.

7. Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation. For personal protection see section 8.

7.2. Conditions for safe storage, including any incompatibilities

Store away from oxidizers. Store in a cool, dry location.

8. Exposure controls and personal protection

8.1. Occupational Exposure Limits

Substance	CAS Number	OSHA PEL-TWA / ACGIH TLV-TWA
Contains no hazardous substances	NA	Not applicable

8.2. Exposure controls

Respiratory	When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.
Eyes	Tightly fitting safety goggles
Hands	Impervious gloves Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Skin	Protective clothing
Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Do not breathe vapor. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation.
Other Work Practices	If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties



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Appearance	White, granular solid
Odor	None
Odor threshold	No data available
pH	6-8 @ .5% at 25C
Melting point	>150 °C / >302 °F
Initial boiling point and boiling range	No data available
Flash Point	No data available
Evaporation rate (Ether = 1)	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure (Pa)	No data available
Vapor Density	No data available
Specific Gravity	No data available
Solubility in Water	Soluble
Partition coefficient n-octanol/water (Log Kow)	-2
Auto-ignition temperature	No data available
Decomposition temperature	>150 °C / >302 °F
Viscosity	No data available
Relative Density at 20°C	500-550 kg/m3

10. Stability and reactivity

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protect from frost, heat and sunlight.

10.5. Incompatible materials

Incompatible with oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce: nitrogen oxides (NO_x), carbon oxides (CO_x). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

11. Toxicological information



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11.1 Information on likely routes of exposure

Principle Route of Exposure

Eye or skin contact, inhalation.

11.2 Symptoms related to the physical, chemical and toxicological characteristics

Acute Toxicity

Eye Contact

May cause mild eye irritation.

Skin Contact

May cause mild skin irritation.

Aspiration

May cause mild respiratory irritation.

Ingestion

May cause mild gastric distress.

Chronic Toxicity/Effects

No data available to indicate product or components present at greater than 0.1% are chronic health hazards.

11.3 Toxicity data

Toxicology data for the components

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Contains no hazardous substances	NA	> 2,500 mg/kg (Rat)	> 10,000 mg/kg (Rabbit)	20 mg/L hr (Rat)

Substances	CAS Number	Skin corrosion/irritation
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Eye damage/irritation
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Skin Sensitization
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Respiratory Sensitization
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Mutagenic Effects
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Carcinogenic Effects
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Reproductive toxicity
Contains no hazardous substances	NA	No data available



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Substances	CAS Number	STOT - single exposure
Contains no hazardous substances	NA	No data available

Substances	CAS Number	STOT - repeated exposure
Contains no hazardous substances	NA	No data available

Substances	CAS Number	Aspiration hazard
Contains no hazardous substances	NA	No data available

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
Contains no hazardous substances	NA	IC50/Scenedesmus subspicatus/72 hours > 100 mg/L (OECD 201)	LC50/Danio rerio/96 hours > 100 mg/L (OECD 203)	No data available	EC50/Daphnia magna/48 hours > 100 mg/L (OECD 202)

12.2. Persistence and degradability

Substances	CAS Number	Persistence and Degradability
Contains no hazardous substances	NA	Not readily biodegradable. Does not hydrolyze.

12.3. Bioaccumulative potential

Substances	CAS Number	Log Pow
Contains no hazardous substances	NA	-2

12.4. Mobility in soil

Substances	CAS Number	Mobility
Contains no hazardous substances	NA	No data available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available

13. Disposal considerations



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13.1. Waste treatment methods

Disposal Method

Disposal should be made in accordance with federal, state, and local regulations.

Container disposal

Follow all applicable national or local regulations.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not restricted	Not restricted	Not restricted
14.2. UN proper shipping name	Not restricted	Not restricted	Not restricted
14.3. Transport hazard class(es)	DOT Hazard Class: Not applicable	IMDG: Not applicable Sub Class: Not applicable	Air Class: Not applicable
14.4. Packing group	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
IMDG	Not applicable		
14.6. Special precautions for user	None		

15. Regulatory information

US Regulations

US TSCA Inventory All components listed on inventory or are exempt.

EPA SARA Title III Extremely Hazardous Substances Not applicable

EPA SARA (311,312) Hazard Class Not determined

California Proposition 65 Regulation. All components listed do not apply to the California Proposition 65

MA Right-to-Know Law Does not apply.

NJ Right-to-Know Law Does not apply.

PA Right-to-Know Law Does not apply.

Canadian Regulations

Canadian DSL Inventory

All components listed on inventory or are exempt.



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16. Other information

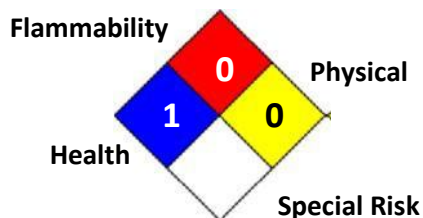
This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and local law and regulations. Drilling Mud Canada makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Drilling Mud Canada will not be liable for claims relating to any use of this product.

Emergency Overview:

Risk Classification System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B



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