



Section 1. Identification		
Product Identifier	H2S SCAV-WM PLUS	Version: 1 Effective Date:2024/06/26
Other Means Of Identification	None	
Initial Supplier Identifier	Blackstone Drilling Fluids Limited 500-215 9 Avenue SW Calgary, AB, T2P 1K3 Tel: 403-262-5955	
Recommended Use and Restrictions On Use	Hydrogen Sulphide scavenger.	
Product Family	Blend	
24 Hour Emergency	CANUTEC (613) 996-6666	

Section 2. Hazard Identification	
Hazard Classification	 
Physical Hazard	Not classified
Health Hazard	Serious eye damage/irritation – Category 1 Acute toxicity (Oral) - Category 4 Acute toxicity (Inhalation) - Category 4 Skin corrosion/irritation - Category 1B
Signal Word	Danger!
Hazard Statement	Causes severe skin burns and eye damage. Harmful if inhaled. May be fatal if swallowed and enters airways.
Precautionary Prevention Statement	Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Precautionary Response Statement	IF SWALLOWED: call a Poison Center or doctor/physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present or easy to do. Continue rinsing. Immediately call Poison Centre or doctor/physician. Wash contaminated clothing before reuse.

Safety Data Sheet

	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Precautionary Storage Statement	Store in well-ventilated place.
Precautionary Disposal Statement	Dispose of contents/container to an approved waste disposal plant.
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Ethylene Glycol	N/A	107-21-1	10 - 20
Oxazolidine derivative	N/A	66204-44-2	40 - 60
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Wash with water and soap.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Harmful if inhaled. Causes skin irritation. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Immediate Medical Attention and Special Treatment	Treat symptomatically. Be aware that symptoms of chemical pneumonia (shortness of breath) may occur several hours after exposure.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Water jet, foam, dry powder or carbon dioxide.
Hazardous Combustion Products	Oxides of carbon and nitrogen.
Specific Hazards Arising From the Product	During fire, smoke may contain the original material in addition to toxic and/or irritating gases (nitrogen oxide, carbon monoxide).

Special Protective Equipment and Precautions For Fire-Fighters	Fire-fighters should wear self-contained breathing apparatus and full protective clothing.
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Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Gloves, safety glasses and footwear suitable for workplace. Secure area. Surface might become slippery.
Environmental Precautions	Prevent from entering soil, ditches, sewer, waterways.
Methods and Materials For Containment and Clean-Up	Stop or reduce leak if safe to do so. Dike the spilled material, where this is possible. Small Spills: Absorb spillage with non-combustible, absorbent material. Large Spills: Remove with vacuum trucks or pump to storage/salvage vessels. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container. Wash area with soap and water. Dike and recover contaminated water for appropriate disposal.

Section 7. Handling and Storage

Precautions For Safe Handling	Provide adequate ventilation. Avoid inhalation of mist and contact with skin and eyes. Immediately change contaminated clothes. Do not eat, drink or smoke when using the product. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. Observe good industrial hygiene practices.
Conditions For Safe Storage	Keep away from heat, sparks and open flame. Keep in a cool, well-ventilated place. Keep away from food, drink and animal feeding stuffs. Store away from incompatible materials.

Section 8. Exposure Controls and Personal Protection

Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
A2 = Suspected human carcinogen.				
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Ensure adequate ventilation. Ensure safety shower and eye wash station are available.			
Individual Protective Measures				

Eye / Face Protection	Safety glasses.
Skin Protection	Nitril gloves.
Respiratory Protection	Should be worn when exposure limits are exceeded. The following should be effective types of air-purifying respirators. Organic vapor cartridge.

Section 9. Physical and Chemical Properties	
Appearance	yellow liquid
Odour	Mild
Odour Threshold	Not data
pH (1% solution)	8 -11
Flash Point	>93 °C
Boiling Point and Boiling Range	Not data
Melting Point / Freezing point	-30 °C
Evaporation Rate	Not data
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not data
Vapour Density	Not data
Relative Density	1.1
Solubility	Soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	Not available
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Stable.
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials. High temperatures.
Incompatible Materials	Strong oxidisers.
Hazardous Decomposition Products	Not expected to decompose under normal conditions of use.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Oxazolidine derivative	632mg/kg (rat)	1,270-1,620mg/kg (rabbit) Corrosive to skin	2 mg/L (rat; 4h)
Likely Routes of Exposure			
Skin:	May cause irritation.		
Eyes:	May cause several irritations with corneal injury.		
Inhalation:	May cause irritation.		
Ingestion:	May cause diarrhoea.		
Acute Toxicity Estimates (ATE)	No data.		
STOT (Specific Target Organ Toxicity) – Single Exposure	Not classified		
Aspiration Toxicity	Not classified		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema/chapping and oil acne.		
Skin Corrosion / Irritation	May cause irritation		
Serious Eye Damage / Irritation	Severe irritant		
Respiratory or Skin Sensitization	Not classified.		
Carcinogenicity	Not classified		
Reproductive Toxicity			
- Sexual Function and Fertility	Not classified		
- Development of Offspring	Not classified		
- Effects on or via Lactation	Not classified		
Germ Cell Mutagenicity	Not classified		
Interactive Effects	None		
Other Information	N/A		

Section 12. Ecological Information	
Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. LC50 Fish: 2-5 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour) EC50 Crustacea: 1.4 mg/L (Daphnia magna (water flea); 48-hour)
Persistence and Degradability	Will not persist.
Bioaccumulative Potential	Not expected to bio accumulate
Biodegradability	Readily degradable.
Mobility in Soil	No data.
Other Adverse Effects	N/A

Section 13. Disposal considerations	
Disposal Considerations	Dispose of contents / container in accordance with local regulations.

Section 14. Transport Information	
UN Number	2922
UN Proper Shipping Name	Corrosive Liquid, Toxic, N.O.S. (Oxazolidine derivative)
Transport Hazard Class(es)	8, 6.1
Packaging Group	II
Environmental Hazards	Marine Pollutant
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	Not applicable

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are on the Domestic Substances List (DSL)
TSCA	All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-2/ Flammability-1/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-1/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Blackstone Drilling Fluids Ltd., Technical Department
Date Prepared:	2024/06/26
Date of Latest Revision:	N/A
Disclaimer:	
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