

SAFETY DATA SHEET

**Section 1: IDENTIFICATION**

**Product Identifier:** H2S Scav OBM

**Other Means of Identification:** None

**Recommended Use and Restrictions on Use:** Drilling Fluid Additive.

**Supplier:** Bri-Chem Supply Ltd.  
27075 Acheson Road  
Acheson, AB T7X 6B1  
780-962-9490

**Product Family:** Blend

**24 Hour Emergency:** Canutec (613) 996-6666

**Section 2: HAZARD(S) 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  
Aspiration hazard – Category 1

**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.

SAFETY DATA SHEET

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.

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 of Synonyms	CAS No. and Other Unique Identifiers	% by Weight
Distillates (petroleum), straight-run middle	N/A	64741-44-2	30 - 50
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.

SAFETY DATA SHEET

**Section 5: FIRE-FIGHTING MEASURES**

<b>Suitable and Unsuitable Extinguishing Media:</b>	Foam, dry powder or carbon dioxide. Do not use water jet as an extinguisher, as this will spread the fire.
<b>Hazardous Combustion Products:</b>	Oxides of carbon and nitrogen.
<b>Specific Hazards Arising From The Product:</b>	During fire, smoke may contain the original material in addition to toxic and/or irritating gases (nitrogen oxide, carbon monoxide).
<b>Special Protective Equipment and Precautions for Fire-Fighters:</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing.

**Section 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Gloves, safety glasses and footwear suitable for workplace. Secure area. Surface might become slippery.
<b>Emergency Precautions:</b>	Prevent from entering soil, ditches, sewer, waterways.
<b>Methods and Materials for Containment and Clean-Up:</b>	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**

<b>Precautions for Safe Handling:</b>	Provide adequate ventilation. Avoid inhalation of oil 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.
<b>Conditions for Safe Storage:</b>	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.

SAFETY DATA SHEET

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control Parameters	TWA: 8 hr	STEL: 15min	Ceiling	IDLH *
Distillates (petroleum), straight-run middle	5ppm A2 ACGIH	10 mg/m <sup>3</sup> A2 ACGIH		

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**

<b>Appearance:</b>	Brown liquid
<b>Odour:</b>	Hydrocarbon
<b>Odor Threshold:</b>	No data
<b>pH (1% solution):</b>	8 – 11
<b>Flash Point:</b>	> 93°C
<b>Boiling Point and Boiling Range:</b>	No data
<b>Melting Point/Freezing Point:</b>	-30°C
<b>Evaporation Rate:</b>	No data
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper and Lower Flammability or Explosive Limits:</b>	No data
<b>Vapour Pressure:</b>	No data
<b>Vapour Density:</b>	No data
<b>Relative Density:</b>	0.97
<b>Solubility:</b>	Soluble

SAFETY DATA SHEET

<b>Partition co-efficient, n-Octanol/Water:</b>	No data
<b>Auto-ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	No data
<b>Viscosity:</b>	No data

**Section 10: STABILITY AND REACTIVITY**

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

**Section 11: TOXICOLOGICAL INFORMATION**

<b>Component Toxicity</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Oxazolidine derivaive	632 mg/kg (rat)	1,270-1,620 mg/kg (rabbit) Corrosive to skin	2 mg/L (rat; 4h)
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	May cause irritation.		
<b>Eyes:</b>	May cause several irritation with corneal injury.		
<b>Inhalation:</b>	May cause irritation.		
<b>Ingestion:</b>	May cause diarrhea.		
<b>Acute Toxicity Estimates (ATE):</b>	No data		
<b>STOT (Specific Target Organ Toxicity) – Single Exposure:</b>	Not classified		
<b>Aspiration Toxicity:</b>	May be fatal if swallowed and enters airways. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.		
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure:</b>	Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema/chapping and oil acne.		

SAFETY DATA SHEET

<b>Skin Corrosion / Irritation:</b>	May cause irritation.
<b>Serious Eye Damage/Irritation:</b>	Severe irritant
<b>Respiratory or Skin Sensitization:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive Toxicity</b>	
<b>Sexual Function and Fertility:</b>	Not classified
<b>Development of Offspring:</b>	Not classified
<b>Effects on or via Lactation:</b>	Not classified
<b>Germ Cell Mutagenicity:</b>	Not classified
<b>Interactive Effects:</b>	None
<b>Other Information:</b>	N/A

**Section 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	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: 1.4mg/L (Daphnia magna (water flea); 48-hour)
<b>Persistence and Degradability:</b>	Will not persist
<b>Bioaccumulative Potential:</b>	Not expected to bio accumulate.
<b>Biodegradability:</b>	Readily degradable
<b>Mobility in Soil:</b>	No data
<b>Other Adverse Effects:</b>	N/A

**Section 13: DISPOSAL CONSIDERATIONS**

<b>Disposal Considerations:</b>	Dispose of contents/container in accordance with local regulations.
---------------------------------	---

SAFETY DATA SHEET

**Section 14: TRANSPORT INFORMATION**

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

**Section 15: REGULATORY INFORMATION**

<b>Canada – DSL Inventory:</b>	All components of this product are on the Domestic Substances List (DSL).
<b>TSCA:</b>	All components of this product are on the Toxic Substances Control Act (TSCA) Inventory List.
<b>Additional Information:</b>	None

**Section 16: OTHER INFORMATION**

<b>NFPA Rating:</b>	Health-2/ Flammability-1/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating:</b>	Health-2/Flammability-1/Reactivity-0/Personal Protection-See Section 8

**Disclaimer:**

The information contained herein is based on data available to us and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed or implied, by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility and expressly disclaim any liability for any use of this product. It is the user's responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all applicable federal, provincial, and local regulations remains the responsibility of the user.

**Prepared by:** Bri-Chem Supply Ltd.  
**Revision Date:** June 10, 2024