

Safety Data Sheet

Section 1. Identification		
Product Identifier	TAR-GETZ	Version: 2 Effective Date: 2024/01/26
Other Means Of Identification	None	
Initial Supplier Identifier	Blackstone Drilling Fluids Ltd. Suite 500, 215 9th Avenue SW Calgary, AB, T2P 1K3 Tel: 403-262-5955	
Recommended Use and Restrictions On Use	Anti-accretion additive. No restrictions.	
Product Family	Blend	
24 Hour Emergency	1-888-CAN-UTEC (226-8832), 613-996-6666	

Section 2. Hazard Identification	
Hazard Classification	  
Physical Hazard	Not classified
Health Hazard	Flammable Liquid – Category 3 Acute toxicity (oral) – Category 4 Acute toxicity (dermal)- Category 4 Acute toxicity (inhalation) – Category 4 Serious eye damage/irritation – Category 2 Specific target organ toxicity (single exposure) - Category 1
Signal Word	Danger!
Hazard Statement	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Flammable liquid and vapour. Harmful if swallowed, in contact with skin or if inhaled. Causes serious eye damage. May cause damage to organs (kidneys, optic nerve).
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. Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Avoid breathing dust/fumes/gas/mist/vapors/spray.
Precautionary Response Statement	IF SWALLOWED: call a Poison Center or doctor/physician if you feel unwell. Rinse mouth.

Safety Data Sheet

	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.
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
Methanol		107-21-1	20-30
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	If in eyes – severe irritation and possible corneal injury. Can irritate the mouth, throat and stomach. There are 3 stages of effects, which can overlap. Early symptoms can include upset stomach, slurred speech, clumsiness, drowsiness, and convulsions. Second stage symptoms can include rapid heartbeat and breathing, bluish lips and skin, fluid in the lungs and heart failure. In the last stage, there can be kidney stones and kidney damage with lower back pain, and increased then decreased urine production. There may be delayed nervous system effects such as paralysis of the face, clumsiness, impaired hearing and blurred vision. Death can occur at any stage

Safety Data Sheet

Immediate Medical Attention and Special Treatment	Chemical eye burns may require extended irrigation. If burn is present, treat as any thermal burn, after decontamination. Fomepizole may be used as an antidote for ethylene glycol poisoning.
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Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Hazardous Combustion Products	Oxides of carbon.
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.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves, safety glasses and footwear suitable for workplace. Evacuate all unnecessary personnel. Secure area. Ensure adequate ventilation.
Environmental Precautions	Prevent from entering soil, ditches, sewer, waterways.
Methods and Materials For Containment and Clean-Up	Soak or pump-up split material. Use clay, vermiculite or diatomaceous earth to soak up spilled material. Place in a suitable container for disposal. Wash area with soap and water to remove residues which can cause a slip hazard.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care. Container, even those emptied, may contain vapours. Avoid breathing vapour. Wash skin thoroughly after handling.
Conditions For Safe Storage	Keep containers closed when not in use.

Section 8. Exposure Controls and Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
Methanol	200 ppm	250 ppm		
Exposure Controls	Local exhaust ventilation			

Safety Data Sheet

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 to amber liquid
Odour	sweet
Odour Threshold	Not data
pH (1% solution)	10.6
Flash Point	41 °C
Boiling Point and Boiling Range	Not data
Melting Point / Freezing point	-20 °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	0.86 at 20 °C
Solubility	Fully miscible
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	Elevated temperatures or fire conditions (this material will burn if sufficient heat is applied).
Incompatible Materials	Strong oxidisers.

Safety Data Sheet

Hazardous Decomposition Products	Not expected to decompose under normal conditions of use.
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Section 11. Toxicological Information

Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methanol	>5g/kg(rat)	15.80 g/kg (rat)	64,000 ppm (rat; Literature study)
Likely Routes of Exposure			
Skin:	Not classified.		
Eyes:	May cause severe irritation with corneal injury.		
Inhalation:	Respiratory tract irritation.		
Ingestion:	Ingestion may result in gastrointestinal irritation, burns of the mouth and throat.		
Acute Toxicity Estimates (ATE)	Toxic if swallowed.		
STOT (Specific Target Organ Toxicity) – Single Exposure	May damage optic nerve		
Aspiration Toxicity	Not classified		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified.		
Skin Corrosion / Irritation	Not classified		
Serious Eye Damage / Irritation	May cause irritation		
Respiratory or Skin Sensitization	Not classified.		
Carcinogenicity	Not listed.		
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	No data
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Safety Data Sheet

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.
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Section 14. Transport Information

UN Number	1230
UN Proper Shipping Name	Methanol Solution
Transport Hazard Class(es)	3 (6.1)
Packaging Group	II
Environmental Hazards	No
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-2/Reactivity-2/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-2/Reactivity-2/Personal Protection-See Section 8.
Prepared by:	Blackstone Drilling Fluids, Technical Department
Date Prepared:	2024/01/26
Date of Latest Revision:	
Disclaimer	Notice to reader.

Safety Data Sheet

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Continued on Next Page