

# Safety Data Sheet

# Dithiazine Inhibitor (DI-5)

May 2025 Version 1.0

Section 1 Product and Company Identification

Company Information: Heartland Energy Group LTD.

626 NW Valley Ridge Court Grain Valley. MO 64029

**Product Identifier:** Dithiazine Inhibitor (DI-5)

**24 Hour Emergency Telephone:** Call Chemtrec 1 (800) 424-9300 **Product Description:** Dithiazine Inhibitor/Dissolver

General Information: Blend

#### Section 2 Hazard Identification

Precautionary
Statement:

Avoid eye contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands after use. Launder contaminated clothing before reuse. Avoid release to environment. Do not eat drink or smoke when using this product. Wear protective gear for hands, body, face, eyes, and respiration.

Signal Word WARNING	Hazard	Hazard Code	Health Hazard Statement
	Skin	H315	Causes skin irritation
	Eye	H319	Causes severe eye irritation
	Ingestion	H320	Harmful if swallowed
	Flammable	H226	Flammable liquids and vapors

#### Section 3 Composition/Information on Ingredients

While some substances are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated in this document.

Chemical Name	CAS	OSHA PEL-TW	Concentration
Proprietary	Proprietary	NA	0-100%

Section 4 First Aid Measures

**Inhalation:** Give oxygen if breathing is difficult. Seek medical attention immediately.

**Skin Contact:** Flush affected areas with water for 20 minutes. Remove affected clothing or

jewelry and wash before reuse. Get medical attention immediately.



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**Eye Contact:** Flush affected areas with water for 20 minutes lifting upper and lower lids.

Get medical attention immediately.

**Ingestion:** DO NOT INDUCE VOMITING. Never give anything by mouth to

unconscious person. Get medical attention immediately.

Section 5 Fire Fighting Measures

**Fire Extinguishing Media:** Flash point is 75 F. Use suitable media for surrounding fires. Use water spray,

foam, CO2, or Dry Chemical.

**Firefighting Instructions:** This material <u>IS</u> flammable.

Section 6 Accidental Release Measures

Occupational Release: Isolate and ventilate area if possible while staying upwind of spill. Contain spill

and absorb with inert material. Waste must be disposed of in accordance with

Federal, State and Local environmental control regulations.

**Environmental:** Prevent runoff to sewers, streams or other bodies of water.

Section 7 Handling and Storage

**Handling Precautions:** Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Wash

hands after use. Launder contaminated clothing before reuse.

**Storage Information:** Store away from oxidizers and Bases.

Section 8 Exposure Controls / Personal Protection

**Engineering** 

Controls:

Provide eyewash station and safety shower in the immediate work area. Use explosion proof equipment for general and/or local ventilation to prevent build-up of vapors. In application where the product will be exposed to elevated temperatures, use local

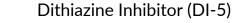
ventilation to remove potential decomposition products.

**Eyes/Face:** Wear safety goggles.

**Skin:** Use protective clothing and gloves chemically resistant to this material.

**Respiratory:** Air supplied respirator in high concentrations or use in well-ventilated areas.

**General:** Boots, Aprons, Drench Shower, Eye Wash





Section 9 Physical and Chemical Properties

Physical State: Liquid

Color: Clear/Colorless

Odor: Mild

Specific Gravity: 1.014 (Water = 1)

Initial Boiling Point: ND

Flashpoint: 96-110 F
Solubility: Complete
pH: 6.0-7.5

Section 10 Stability and Reactivity

**Conditions to Avoid:** Stable under normal storage and use conditions.

**Chemical Stability:** All ignition sources (heat, flame, spark, static, electricity, etc.

**Incompatibilities:** Avoid contact with acids and strong oxidizers

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Carbon Dioxide and Carbon Monoxide

Section 11 Toxicological Information

**Inhalation:** Symptoms of overexposure may include: headache,

drowsiness, nausea, vomiting, blurred vision, blindness, coma.

**Ingestion:** Symptoms parallel inhalation.

**Skin Contact:** Avoid contact with skin, as product may have slight irritant

effect on akin and mucous membranes.

**Eye Contact:** Irritant. Continued exposure may cause eye lesions.

**Chronic Exposure:** This product does not contain substances that are considered

by OSHA, IARC, or ACGIH to be "probable" or "suspected"

human carcinogens.

Aggravation of pre-

existing Conditions:

Repeated or prolonged exposure may cause skin irritation.



Section 12	Ecological Information	
Eco Toxicity:	No Data Available	
Environmental Fate:	No Data Available	
Section 13	Disposal Considerations	
Disposal Instructions:	Avoid runoff to sewers or waterways. Dike contain spill. Absorbent may	
	facilitate small spills. Absorb inert material such as sand, earth, or vermiculite.	
Disposal Methods:	Dispose of by State, and Federal Regulations.	
Section 14	Transport Information	
DOT Proper Shipping Name:	FLAMMABLE LIQUIDS, N.O.S., (CONTAINS METHANOL), 3,	
, , , ,		
DOT Technical Name:	NONE	
DOT Hazard Class:	3	
UN Number:	UN1993	
ON Number:	UN1993	
Packing Group:	II	
Section 15	Regulatory Information	
TSCA Status:	All components of this product that are listed (or are not	
	required to be listed) in the TSCA inventory.	
Hazard Rating:		
	HMIS	
	Health: NA	
	Flammability: 3	
	Physical Hazard: NA	
	Personal Protection: C	
Section 16	Other Information	

While SP believes the information contained herein to be accurate, SP makes no representation or warranty, express or implied, regarding, and assumes no liability for, the accuracy or completeness of the information. The Buyer assumes all responsibility for handling, using and/or reselling the Product in accordance with applicable federal, state, and local law. This SDS shall not in any way limit or preclude the operation and effect of any of the provisions of SP's terms and conditions of sale.

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The information and recommendations set forth herin are presented in good faith and believed correct as of the date the SDS was created. It is compiled from various sources and it is not necessarily all inclusive nor fully adequate in every circumstance. In addition, these suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules, or insurance requirements applicable. This SDS is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must excersice their independent judgment in determining its appropriateness for a particular purpose. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The seller makes no warranty expressed or implied concerning the accuracy or any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.

