



# 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.

**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.

---

<b>Section 5</b>	<b>Fire Fighting Measures</b>
------------------	-------------------------------

---

**Fire Extinguishing Media:** Flash point is 75 F. Use suitable media for surrounding fires. Use water spray, foam, CO<sub>2</sub>, or Dry Chemical.

**Firefighting Instructions:** This material IS flammable.

---

<b>Section 6</b>	<b>Accidental Release Measures</b>
------------------	------------------------------------

---

**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.

---

<b>Section 7</b>	<b>Handling and Storage</b>
------------------	-----------------------------

---

**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.

---

<b>Section 8</b>	<b>Exposure Controls / Personal Protection</b>
------------------	--

---

**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
<b>Physical State:</b>		Liquid
<b>Color:</b>		Clear/Colorless
<b>Odor:</b>		Mild
<b>Specific Gravity:</b>		1.014 (Water = 1)
<b>Initial Boiling Point:</b>		ND
<b>Flashpoint:</b>		96-110 F
<b>Solubility:</b>		Complete
<b>pH:</b>		6.0-7.5
Section 10		Stability and Reactivity
<b>Conditions to Avoid:</b>		Stable under normal storage and use conditions.
<b>Chemical Stability:</b>		All ignition sources (heat, flame, spark, static, electricity, etc.
<b>Incompatibilities:</b>		Avoid contact with acids and strong oxidizers
<b>Hazardous Polymerization:</b>		Will not occur
<b>Hazardous Decomposition:</b>		Carbon Dioxide and Carbon Monoxide
Section 11		Toxicological Information
<b>Inhalation:</b>		Symptoms of overexposure may include: headache, drowsiness, nausea, vomiting, blurred vision, blindness, coma.
<b>Ingestion:</b>		Symptoms parallel inhalation.
<b>Skin Contact:</b>		Avoid contact with skin, as product may have slight irritant effect on skin and mucous membranes.
<b>Eye Contact:</b>		Irritant. Continued exposure may cause eye lesions.
<b>Chronic Exposure:</b>		This product does not contain substances that are considered by OSHA, IARC, or ACGIH to be "probable" or "suspected" human carcinogens.
<b>Aggravation of pre-existing Conditions:</b>		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,  
II

**DOT Technical Name:** NONE

**DOT Hazard Class:** 3

**UN 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.

The information and recommendations set forth herein 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 exercise 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.***

• END •