

# SAFETY DATA SHEET



PRINCE AGRI PRODUCTS, INC.

*Advancing Nutrition for Healthy Animals®*

E.D.D.I.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### GHS Product Information

**Product Name:** E.D.D.I.  
**Business Unit** Prince Agri  
**Other means of identification:** Not available  
  
**Safety data sheet number:** 5008-500 -US-E

### Recommended use of the chemical and restrictions on use

**Recommended use:** No information available.  
  
**Uses advised against:** No information available

### Details of the supplier of the safety data sheet

|  |  |
|--|--|
| <b>Supplier:</b><br>Prince Agri Products, Inc<br>229 Radio Road<br>Quincy, IL 62305<br>Tel: 217-222-8854<br>Fax: 217-222-5098<br>Toll Free: 800-677-4623<br>Email: prince@princeagri.com | <b>Manufacturer:</b><br>Prince Agri Products, Inc<br>229 Radio Road<br>Quincy, IL 62305<br>Tel: 217-222-8854<br>Fax: 217-222-5098<br>Toll Free: 800-677-4623<br>Email: prince@princeagri.com |
|--|--|

**SDS Contact (email of responsible person):** prince@princeagri.com

**24 Hour Emergency Phone Number:** Chemtrec 1-800-424-9300 (CCN17224)

**International:** +1 703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

#### **Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** crystalline

**Physical state** Solid

**Odor** Slight

**Hazards not otherwise classified (HNOC)**

**Other Information**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture

Substance

| Chemical Name                 | CAS No    | Weight-% | Trade Secret |
|-------------------------------|-----------|----------|--------------|
| Ethylenediamine Dihydroiodide | 5700-49-2 | 60 - 100 | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First aid measures**

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Inhalation:** Remove to fresh air.

**Skin Contact:** Wash skin with soap and water.

**Ingestion:** Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical:** No information available.

**Explosion data**

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

**Protective equipment and precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Ensure adequate ventilation, especially in confined areas.

**For emergency responders:** Use personal protection recommended in Section 8. Use personal protective equipment as required.

**Environmental precautions:** See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

**Methods for containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling:** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials:** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering Controls:** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

**Eye/face protection:** No special technical protective measures are necessary.

**Skin and body protection:** No special technical protective measures are necessary.

**Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |             |                       |                          |
|-----------------------|-------------|-----------------------|--------------------------|
| <b>Physical state</b> | Solid       | <b>Odor</b>           | Slight                   |
| <b>Appearance</b>     | crystalline | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | white       |                       |                          |

| <u>Property</u>                       | <u>Values</u>            | <u>Remarks • Method</u> |
|---------------------------------------|--------------------------|-------------------------|
| <b>pH</b>                             | No information available |                         |
| <b>Melting Point / Freezing Point</b> | = 639 °F                 |                         |
| <b>Boiling point / boiling range</b>  | No information available |                         |
| <b>Flash point</b>                    | No information available |                         |
| <b>Evaporation rate</b>               | No information available |                         |
| <b>Flammability (solid, gas)</b>      | No information available |                         |
| <b>Flammability Limit in Air</b>      |                          |                         |
| <b>Upper flammability limit:</b>      | No information available |                         |
| <b>Lower flammability limit:</b>      | No information available |                         |
| <b>Vapor pressure</b>                 | No information available |                         |
| <b>Vapor density</b>                  | No information available |                         |
| <b>Specific Gravity</b>               | No information available |                         |
| <b>Water solubility</b>               | Soluble in water         |                         |
| <b>Solubility in other solvents</b>   | No information available |                         |
| <b>Partition coefficient</b>          | No information available |                         |
| <b>Autoignition temperature</b>       | No information available |                         |
| <b>Decomposition temperature</b>      | No information available |                         |
| <b>Kinematic viscosity</b>            | No information available |                         |
| <b>Dynamic viscosity</b>              | No information available |                         |
| <b>Explosive properties</b>           | No information available |                         |
| <b>Oxidizing properties</b>           | No information available |                         |

### Other Information

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information available |
| <b>Density</b>          | No information available |
| <b>Bulk density</b>     | No information available |
| <b>Percent Volatile</b> | No information available |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                             |                    |
|-----------------------------|--------------------|
| <b>Product Information:</b> | No data available  |
| <b>Inhalation:</b>          | No data available. |
| <b>Eye contact:</b>         | No data available. |
| <b>Skin Contact:</b>        | No data available. |
| <b>Ingestion:</b>           | No data available. |

### Information on toxicological effects

**Symptoms:** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization:** No information available.  
**Germ cell mutagenicity:** No information available.  
**Carcinogenicity:** No information available.

**Reproductive toxicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Aspiration hazard:** No information available.

### Numerical measures of toxicity - Product Information

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Mobility

No information available.

**Other adverse effects:** No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Disposal of wastes:** Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid runoff to waterways and sewers. Recover or recycle if possible. Send to a licensed recycler, reclaimer or incinerator.

**Disposal methods:** Do not reuse container.

## 14. TRANSPORT INFORMATION

**Note:** Store in a closed container. Keep container upright.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

|                       |                |
|-----------------------|----------------|
| <b>TSCA:</b>          | Complies       |
| <b>DSL/NDSL:</b>      | Complies       |
| <b>EINECS/ELINCS:</b> | Complies       |
| <b>ENCS:</b>          | Not Determined |
| <b>IECSC:</b>         | Complies       |
| <b>KECL:</b>          | Not Determined |
| <b>PICCS:</b>         | Not Determined |
| <b>AICS:</b>          | Complies       |

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

|  |    |
|--|----|
| <b>Acute health hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire hazard</b>                       | No |
| <b>Sudden release of pressure hazard</b> | No |
| <b>Reactive Hazard</b>                   | No |

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

No information available

**Canada**

No information available

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

|                    |                  |                |                    |                                  |
|--------------------|------------------|----------------|--------------------|----------------------------------|
| <b><u>NFPA</u></b> | Health hazards 1 | Flammability 0 | Instability 0      | Physical & Chemical Properties 0 |
| <b><u>HMIS</u></b> | Health hazards 1 | Flammability 0 | Physical hazards 0 | Personal protection C            |

**Document Review**

Revision Number: 1

Revision Note: No information available

**Key or legend to abbreviations and acronyms used in the safety data sheet:**

- Bioconcentration factor (BCF)
- International Air Transport Association (IATA)
- Globally Harmonized System (GHS)
- International Maritime Dangerous Goods (IMDG)

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**End of Safety Data Sheet**