

1. Identification

1.1 Product identifier: EDDI 20 Gr Sugar

1.2 Other means of identification: EDDI 20 Grain Sugar

1.3 Recommended use and restrictions on use:

For the use in as nutritional source of iodine for animals only. This product is not for human consumption. Refer to safety data sheet regarding safety, usage, applications, hazards, procedures and disposal of this product before use.

1.4 Manufacturer: Ameri-Pac, Inc.
745 S. 4th St.
St. Joseph, MO 64501
Phone: 816-233-4530
800-373-6156

1.5 Emergency Number (800) 424-9300 Chemtrec
Chemtrec is available Days, Nights, Weekends, and Holidays

2. Hazard Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin sensitizer - category 1B

2.2 GHS Label Elements

Signal Word: Warning

Hazard Statements:

H317 May cause an allergic skin reaction.

Pictograms:



Precautionary Statements:

Keep container tightly closed.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fumes/gas/mist/vapors/spray.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
If on skin: remove contaminated clothing immediately and wash thoroughly with water.
If in eyes: rinse cautiously with water for at least 15 minutes. Remove contact lenses.
If skin irritation occurs: get medical advice/attention.
Dispose of contents/container in accordance with all state, local and federal regulations.

2.3 Hazards not otherwise classified: None

3. Composition/Information on Ingredients

3.1 Name: EDDI 20 Gr Sugar

3.2 Common name/synonyms: EDDI 20 Grain Sugar
EDDI 20 Gr Organic Iodine Sugar

3.3 Hazardous components and concentrations in the mixture which require reporting:

<u>Component</u>	<u>CAS Registry Number</u>	<u>Amount (%)</u>
Ethylenediamine Dihydriodide (EDDI)	5700-49-2	< 5%

4. First-Aid Measures

4.1 Necessary Measures

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse.
If irritation develops, seek medical attention.

Eyes: Immediately rinse eyes with running water for a minimum of 15 minutes.
If irritation develops, seek medical attention.

Ingestion: Do not induce vomiting unless directed to do so by a medical professional.
Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
If irritation develops, seek medical attention.

Inhalation: Move to fresh air. Aid in breathing if necessary. Seek medical attention.

4.2 Symptoms and Effects:

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11. May cause eye and skin irritation. In cases of persistent or severe symptoms seek medical attention.

4.3 Indication of immediate medical attention and special treatment needed: Refer to section 4.1

5. Fire-fighting Measures

5.1 Suitable extinguishing media: Alcohol foam, carbon dioxide, water

5.2 Specific hazards arising from the chemical: In case of fire combustion may produce iodine fumes, carbon monoxide, and carbon dioxide.

5.3 Special protective equipment and precautions for fire-fighters: Use approved self-contained breathing apparatus with full facemask and full protective equipment in confined areas. Use water to keep fire-exposed containers cool.

6. Accidental Release Measures

6.1 Personnel precautions, protective equipment and emergency procedures:

Use local exhaust to control vapors and mists.

Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

6.2 Methods and materials for containment and cleanup:

Prevent further leakage or spillage if safe to do so.

Do not let product enter drains.

Pickup and arrange disposal without creating dust.

Keep in suitable, closed containers for disposal.

For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling:

Practice good industrial hygiene when handling this product.

Avoid inhalation of dust, vapor and mist.

Keep away from sources of ignition.

For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatibilities:

Oxidizers, acids, metallic salts, alkalis

8. Exposure controls/Personal Protection:

8.1 Components with workplace control parameters:

Component	CAS No.	Value	Control parameters
Ethylenediamine Dihydriodide (EDDI)	5700-49-2	N/A	None
		N/A	None

8.2 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday. When at all possible, institute controls to minimize the exposure and risk of exposure by all means of contact.

8.3 Individual protection measures:

Eye/Face Protection:

Select tightly fitting safety goggles, safety glasses or faceshield (8-inch minimum) as appropriate. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.

Skin Protection:

Handle with gloves. Select gloves which are compatible with components listed in this mixture. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good industrial hygiene practices. Wash and dry hands.

Body Protection:

Sturdy clothing impervious to chemicals.

Respiratory Protection:

Where risk assessment shows air-purifying respirators are appropriate, use a full face respirator, dust mask or half-respirator with the appropriate respirator cartridges or filters as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH. Respirators must be selected with consideration to assessment of risk and in accordance with 29 CFR 1910.134.

9. Physical and Chemical Properties

9.1 Appearance:

Physical State: Granular solid

Color: Light pink

9.2 Odor: None

9.3 Odor threshold: No data available

9.4 pH: No data available

9.5 Melting point/freezing point: No data available

9.6 Initial boiling point and boiling point range: No data available

9.7 Flash point: No data available

9.8 Evaporation rate: No data available

9.9 Flammability: No data available

9.10 Upper/lower flammability or explosive limits: No data available

9.11 Vapor pressure: No data available

9.12 Vapor density: No data available

9.11 Relative density: No data available

9.12 Solubility: No data available

9.13 Partition coefficient: No data available

9.14 Auto-ignition temperature: No data available

9.15 Decomposition temperature: No data available

9.16 Viscosity: No data available

9.17 Specific Gravity: No data available

9.18 Bulk Density: No data available

10. Stability and Reactivity

10.1 Reactivity: No data available

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: No data available

10.4 Conditions to avoid: Incompatible materials. High moisture/humidity atmospheres. Heat, sparks, open flame.

10.5 Incompatible materials: Oxidizers, acids, metallic salts, alkalis

10.6 Hazardous decomposition products: May emit toxic fumes after exposure to high humidity.

11. Toxicological Information:

11.1 Likely routes of exposure:

Eye contact, skin contact and inhalation are all likely. Ingestion is possible, but less likely.

11.2 Symptoms related to physical, chemical and toxicological characteristics: Refer to section 4.2

11.3 Delayed and immediate effects and also chronic effects from short- and long-term exposure: Refer to section 4.2

11.4 Numerical measures of toxicity: This mixture has not been tested for health effects or toxicity as a whole. Information for each ingredient is provided below. The GHS classification for this product has been calculated from the values of components in this mixture.

Acute toxicity:

No data available

Skin corrosion/irritation:

No data available

Serious eye damage/irritation:

No data available

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

No data available

Reproductive toxicity:

No data available

Specific target organ toxicity – single exposure:

No data available

Specific target organ toxicity – repeated exposure:

No data available

Aspiration hazards:

No data available

Carcinogenicity:

No components in this mixture are classifiable as carcinogens or possible carcinogens based on their IARC, ACGIH, NTP or OSHA classification.

12. Ecological Information:

This product has not been tested for the ecological considerations listed below. The information and data for components are listed individually for areas of ecological consideration below.

- 12.1 Ecotoxicity: No data available
 - 12.2 Persistence and degradability: No data available
 - 12.3 Bioaccumulative potential: No data available
 - 12.4 Mobility in soil: No data available
 - 12.5 Other adverse effects: No data available
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13. Disposal Consideration

13.1 Product:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Determine waste status prior to disposal in accordance with federal, state and local regulations.

13.2 Contaminated packaging:

Dispose of as unused product

14. Transport Information

- 14.1 DOT (US)
Not dangerous goods
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15. Regulatory Information

15.1 SARA 302 components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

- 15.2 SARA 313 components:
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimus) reporting levels established by SARA Title III, section 313.
- 15.3 SARA 311/312 hazards: Acute health hazards
- 15.4 New Jersey Right to Know components:
No components are subject to the New Jersey Right to Know Act.
- 15.5 Pennsylvania Right to Know components:
No components are subject to the Pennsylvania Right to Know Act.
- 15.6 Massachusetts Right to Know components:
No components are subject to the Massachusetts Right to Know Act
- 15.7 California Prop. 65 components:
This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm.
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16. Other Information

- 16.1 Preparation information:
Revision: 2
Revision date: 9/19/2018
Approval date: 9/20/18
Replaces revision: 1
Replaces revision date:3/8/2018
SDS code: 102
- 16.2 Further information:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. No expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product and not to such product in combination with any other product. Ameri-Pac, Inc. disclaims all liability for actions taken for forgone reliance of such data.