



SAFETY DATA SHEET

Trade Name: Electrolyte Drink

Prepared Date: 8/4/2022

1. Product and Company Identification

Product Name: Electrolyte Drink Extra

Recommended Use: Beverage

Synonyms: Electrolyte, Pediatric Electrolyte Oral Solution

Manufacturer/Supplier

Natureplex, LLC

11085 Airport Road

Olive Branch, MS 38654-0221

662-874-1370 (Monday – Friday, 8:00 a.m. – 5:00 p.m. CST)

Emergency Telephone Number: 1-866-323-0107

CHEMTREC: 1-800-424-9300 (Transportation Spill Response 24 hours)

2. Hazard Identification

Classification of the product

GHS Classification: No known significant effects or critical hazards

Pictogram: Not applicable

Signal Word: No signal word

Hazard Statements: No known significant effects or critical hazards

Precautionary Statements: None

Potential acute health effects

Inhalation: No known significant effects or critical hazards.

Skin: No known significant effects or critical hazards.

Eyes: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent</u>
Purified Water	7732-18-5	Trade Secret
Benzoic Acid	65-85-0	Trade Secret
Dextrose Anhydrous	50-99-7	Trade Secret
Fructose	57-48-7	Trade Secret
Sucralose	56038-13-2	Trade Secret
Acesulfame Potassium	55589-62-3	Trade Secret
Potassium Citrate	866-84-2	Trade Secret



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Sodium Chloride	7647-14-5	Trade Secret
Sodium Citrate	6132-04-3	Trade Secret
Zinc Gluconate	4468-02-4	Trade Secret
Citric Acid	77-92-9	Trade Secret
Calcium Citrate	813-94-5	Trade Secret
Flavor*	-----	Trade Secret
Color*	-----	Trade Secret
Cloud Emulsion* (a blend of the following) Modified food starch Glycerol ester Medium chain Triglycerides Potassium Sorbate Sodium Benzoate Butylated hydroxytoluene	-----	Trade Secret

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures

Inhalation: Move victim to fresh air. If signs/symptoms continue, get medical attention.

Eye Contact: Do not rub eyes. Flush eyes thoroughly with water for 15 minutes. If condition worsens or irritation persists contact physician.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs get medical advice/attention.

Ingestion: Do not induce vomiting. Contact a physician or Poison Control Center.

5. Fire Fighting Measures

Extinguishing equipment: Water spray or fog. Dry chemical. Foam.

Special hazards arising from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst.

Special Fire Fighting Procedures: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

Personal Precautions: See Section 8 of the SDS for Personal Protective Equipment. Do not touch



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damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Avoid breathing dust/fumes/gas/mist/vapors/spray.

Methods and materials used for containment

Cleanup procedures: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and Storage

Precautions for safe handling: Avoid breathing fume/mist/vapors/spray.

Recommendations on the conditions of safe storage:

Store in a cool, dry place.

Keep container tightly closed.

Avoid freezing conditions.

8. Exposure Controls/Personal Protection

Exposure Limits:

Appropriate Engineering controls: Local ventilation should be provided.

Recommended personal protective measures (PPE): Use personal protective equipment as required.

Hand Protection: Chemical resistant gloves, footwear and protective clothing appropriate for the risk of exposure.

Face Protection: Wear goggles/face shield. Wear a full-face respirator, if needed. Wear safety glasses with side shields and a face shield.

Special Requirements for PPE: None

9. Physical and Chemical Properties

Physical Form: Liquid

Appearance: Water-like liquid

Color: Color depends on color ingredients:

Ice Grape=Purple

Frost Berry=Blue

Kiwi Berry=Greenish yellow

Odor: Odor depends on flavoring ingredients.

Taste: Taste depends on flavoring ingredients.

pH (at 25°C): 3.6 to 4.6

Specific Gravity (at 25°C): 0.950 to 1.050

Viscosity: NDA

Upper/lower flammability or explosive limits

Flammability limit - lower (%): NDA

Flammability limit - upper (%): NDA

Explosive limit - lower (%): NDA

Explosive limit - upper (%): NDA

Vapor pressure: NDA

Vapor density: NDA

Relative density: NDA

Solubility: Solubility (water): soluble



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Partition coefficient (n-octanol/water): NDA

Auto-ignition temperature: NDA

Decomposition temperature: NDA

10. Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Keep away from heat and oxidizing agents. Keep away from strong acids.

Incompatible materials: Oxidizing materials

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Acute and Chronic Toxicity:

Benzoic Acid: LD50 Oral – Rat: >2565 mg/kg

LD50 Inhalation: Rat – 4h >12.2 mg/L

LD50 Dermal-Rabbit: >2000 mg/kg

Anhydrous Dextrose: 25800 mg/kg oral-rat LD50, Non-Toxic: Ingestion

Sodium Citrate:

IPR – RAT- LD50: 1548 mg/kg

IPR- Mouse LD50: 1364 mg/kg

IVN-Mouse LD50: 170 mg/kg

Citric Acid Anhydrous: LD50 (Rat): 725 mg/kg, LD50 (Mouse): 940 mg/kg

Sucralose: Material is non-toxic food additive. Oral Rat LD50 10g/kg. Oral mouse LD>16g/kg

Acesulfame Potassium: Ingestion: Oral – Rat LD50=7430 mg/kg. Not metabolized, considered non-toxic.

Potassium Citrate: LD50 170 mg/kg (IV Dogs Intravenous test)

Eye Contact: Direct contact with eyes may cause temporary irritation. Health injuries are not known or expected under normal use.

Skin contact: Health injuries are not known or expected under normal use.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Mutagenicity: Health injuries are not known or expected under normal use.

Chronic effects/carcinogenicity: Health injuries are not known or expected under normal use.

Reproductive effects: Health injuries are not known or expected under normal use.



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12. Ecological Information

Ecotoxicity effects: Avoid release to the environment

Aquatic toxicity effects: NDA

Bioaccumulative potential: NDA

13. Disposal Considerations

Waste Treatment Methods

Disposal instructions: Waste disposal must be in accordance with appropriate local, Federal, State, and international regulations.

14. Transport Information

US DOT Information : Not regulated as hazardous material.

UN Number: NDA

UN proper shipping name: NDA

Transport hazard class(es): NDA

Packing Group: NDA

Environmental hazards: NDA

Special precautions for users: none specified

Transport in bulk: NDA

15. Regulatory Information

U.S. Federal Regulations: None

TSCA: None

CERLA Hazardous Substance List: None

Superfund Amendments and Reauthorization Act of 1986 (SARA): This product is FDA regulated and is not subject to SARA.

OSHA Specifically Regulated Substances: None present or none present in regulated quantities.

16. Other Information

Last Revision: 4 August 2022

Disclaimer: The information herein is based on data considered to be accurate as of the date of preparation of this safety data sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

Key to abbreviations

NDA = no data available