

1. Product and Company Identification

Product Code: X006040

Product Name: Fructo Solution A

Company Name: Alpha-Tec Systems, Inc.
1311 SE Cardinal Ct Suite 170
Vancouver, WA 98683

Phone Number: 1 (360)260-2779

Web site address: Alphatecsystems.com

Email address: Regulatory@Alphatecsystems.com

Emergency Contact: INFOTRAC
International 00-1- (352)323-3500

Information: North America 1 (800)535-5053

Intended Use: For Laboratory Use Only

Product List

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2
Specific Target Organ Toxicity (single exposure), Category 2
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: **Warning**

GHS Hazard Phrases: H319 - Causes serious eye irritation.
H371 - May cause damage to organs - Gastrointestinal tract..
H402 - Harmful to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases: P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+311 - If exposed or concerned: Call a POISON CENTER/Doctor/...
P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents/container to ...

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|-----------|--------------------------------------|---------------|
| 7732-18-5 | Water | >98.0 % |
| 7446-20-0 | Zinc sulfate heptahydrate | <=1.8 % |

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Skin Contact: Wash with plenty of soap and water.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

In Case of Ingestion: Do NOT induce vomiting. Wash mouth out with water.

5. Fire Fighting Measures

Flash Point: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Fire Fighting Instructions: No data available.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Environmental Precautions: Dispose of product in accordance with all federal, state, and local regulations. Do not empty into drains.

Steps To Be Taken In Case Material Is Released Or Spilled: Control runoff and isolate discharged material for proper disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Good laboratory practices, safety procedures, and normal precautions in handling and storage of all products are recommended to provide adequate protection to the skilled laboratory professional.

Precautions To Be Taken in Storing: Store in a tightly closed container. Store away from oxidizers. Store in cool, dry area.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|-----------|---------------------------|----------|-----------|--------------|
| 7732-18-5 | Water | No data. | No data. | No data. |
| 7446-20-0 | Zinc sulfate heptahydrate | No data. | No data. | No data. |

| | |
|---|--|
| Respiratory Equipment (Specify Type): | Good laboratory practices should be followed which includes preventing eye contact and minimizing skin contact and inhalation. |
| Eye Protection: | No data available. |
| Protective Gloves: | No data available. |
| Other Protective Clothing: | No data available. |
| Engineering Controls (Ventilation etc.): | No data available. |

9. Physical and Chemical Properties

| | | |
|---|---|---------------|
| Physical States: | [] Gas [X] Liquid [] Solid | |
| Appearance and Odor: | Appearance: colorless. Odor: Odorless. | |
| pH: | No data. | |
| Melting Point: | No data. | |
| Boiling Point: | No data. | |
| Flash Point: | No data. | |
| Evaporation Rate: | No data. | |
| Flammability (solid, gas): | No data available. | |
| Explosive Limits: | LEL: No data. | UEL: No data. |
| Vapor Pressure: | No data. | |
| Vapor Density (vs. Air=1): | No data. | |
| Specific Gravity (Water=1): | No data. | |
| Solubility in Water: | No data. | |
| Saturated Vapor Concentration: | No data. | |
| Octanol/Water Partition Coefficient: | No data. | |
| Autoignition Pt: | No data. | |
| Decomposition Temperature: | No data. | |
| Viscosity: | No data. | |

Information with regard to primary physical hazard:

10. Stability and Reactivity

Stability: Unstable [] Stable []

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: Strong acids, Strong oxidants, Strong bases.

Hazardous Decomposition or Byproducts: No data available.

Possibility of Hazardous Reactions: Will occur [] Will not occur []

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: Toxic to aquatic life.

13. Disposal Considerations

Waste Disposal Method: Dispose of product in accordance with all federal, state, and local regulations.

14. Transport Information

GHS Classification: Serious Eye Damage/Eye Irritation, Category 2 - Warning! Causes serious eye irritation
 Specific Target Organ Toxicity (single exposure), Category 2 - Warning! May cause damage to organs {<target organs>}
 Aquatic Toxicity (Acute), Category 3 - Harmful to aquatic life
 Aquatic Toxicity (Chronic), Category 3 - Harmful to aquatic life with long lasting effects

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: N/A.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: N/A.
UN Number:
Hazard Class: **TDG Classification:**

15. Regulatory Information

16. Other Information**Revision Date:** 03/19/2024**Preparer Name:** AFrontella**Additional Information About** No data available.**This Product:****Document & Change Control** SDS0295.A.
Number**Company Policy or** Disclaimer**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.