

This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: X006041
Product Name: Fructo Solution B
Company Name: CalibreScientific US, Inc. **Phone Number:**
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 Vancouver, WA 98683
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Information: North America 1 (800)535-5053
Intended Use: For Laboratory Use Only

Product List

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

GHS Signal Word: **Warning**
GHS Hazard Phrases: H316 - Causes mild skin irritation.
GHS Precautionary Phrases:
GHS Response Phrases: P332+313 - If skin irritation occurs, get medical advice/attention.
GHS Storage and Disposal Phrases:

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	>99.0 %
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	< 0.4 %

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: Wash mouth out with water.

5. Fire Fighting Measures

Flash Point:

Explosive Limits: LEL: UEL:

Autoignition Pt:

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

Fire Fighting Instructions:

Flammable Properties and

Hazards:

Hazardous Combustion

Products:

6. Accidental Release Measures

Steps To Be Taken In Case Wash area with soap and water.

Material Is Released Or

Spilled:

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 cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water			
1310-73-2	Sodium hydroxide solution	{Caustic soda; Lye	PEL: 2 mg/m3	

Respiratory Equipment (Specify Type): Good laboratory practices should be followed which includes preventing eye contact and minimizing skin contact and inhalation.

Eye Protection:

Protective Gloves:

Other Protective Clothing:

Engineering Controls

(Ventilation etc.):

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: colorless.

Odor: Odorless.

pH:

Melting Point:

Boiling Point: / 0.0 mm Hg

Flash Point:

Evaporation Rate:

Flammability (solid, gas):

Explosive Limits: LEL: UEL:

Vapor Pressure:

Vapor Density (vs. Air=1):

Specific Gravity (Water=1):

Solubility in Water:

Saturated Vapor

Concentration:

Octanol/Water Partition

Coefficient:

Autoignition Pt:

Decomposition

Temperature:

Viscosity:

10. Stability and Reactivity

Stability: Unstable [] Stable []

Conditions To Avoid -

Instability:

Incompatibility - Materials To

Avoid:

Hazardous Decomposition or

Byproducts:

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

Reactions:

Conditions To Avoid -

Hazardous Reactions:

11. Toxicological Information

Toxicological Information:

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

12. Ecological Information

13. Disposal Considerations

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

14. Transport Information

GHS Classification: Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation

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

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes NA	No

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7732-18-5	Water	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	CA PROP.65: No; MA Oil/HazMat: Yes; NJ EHS: No; PA HSL: Yes - E

16. Other Information

Revision Date: 02/21/2025 **Previous revision:** 03/19/2024
Preparer Name: AFrontella

Additional Information About This Product:

Document & Change Control Number SDS0296.B.

Company Policy or Disclaimer: Disclaimer

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