



1. Identification	
Common Name/ Trade Name: Refractometer Calibration Solution Material Uses: Test solution for refractometer	Revision Date: May 1, 2020 Product Number: N/A
Supplier: FRITZ INDUSTRIES, INC. 500 SAM HOUSTON ROAD MESQUITE, TX 75149	In Case of Emergency: Weekdays: CHEMTREC (Monday – Friday 8-5): (7 days a week, 24 hours a day) (972) 329-8800 (800) 424-9300 (800) 955-1323

2. Hazard(s) Identification	
Classification:	Not classified under GHS.
Labeling:	Symbol: Symbol not required. Signal Word: Signal word not required. Hazard Statement: Not a hazardous substance or mixture. Precautionary Statements: P102 Keep out of reach of children. P233 Keep container tightly closed. P264 Wash hands thoroughly after handling. P281 Use personal protective equipment as required.
Other Hazard Information:	Physical/Chemical Hazards: No additional hazards. Health Hazards: No additional hazards. Environmental Hazards: No additional hazards.

3. Composition and Information on Ingredients		
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<u>Chemical Identity</u>	<u>Numbers of Identity</u>	<u>% by Weight</u>
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This material is not hazardous as defined in OSHA HCS 2012 29 CFR 1910.1200.

Refractometer Calibration Solution SDS

4. First Aid Measures

Inhalation:	Inhalation not probable, but if mist is inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical attention.
Skin Contact:	Wash contact areas with soap and water. If irritation develops and persists, seek medical attention.
Eye Contact:	Do not rub eyes. Immediately flush eyes with water for at least 15 minutes, while keeping eyelids open. If irritation develops and persists, seek medical attention.
Ingestion:	If swallowed, do not induce vomiting. If victim is conscious and alert, give plenty of water to dilute. If symptoms persist, seek medical attention.

5. Fire and Explosion Data

General Information:	This material is not considered flammable or combustible.
Suitable Extinguishing Media:	Use any means suitable for extinguishing surrounding fire.
Unsuitable Extinguishing Media:	None known.
Specific Hazards in Case of Fire:	None known.
Special Protective Equipment and Precaution for Fire Fighters:	Full protective clothing and approved self-contained breathing apparatus required for fire personnel.

6. Accidental Release Measures

Personal Precautions:	Use proper personal protective equipment, see section 8. Spilled material may cause a slipping hazard.
Environmental Precautions:	None expected to be necessary if material is used under ordinary conditions and as recommended.
Methods and Materials for Containment and Cleaning Up:	Small spills may be diluted with large quantities of water and flushed to the sanitary sewer. For large spills, use absorbent material to soak up material, dispose following local, state, and federal regulations.

7. Handling and Storage

Precautions for Safe Handling:	Use proper personal protective equipment, see section 8. Wash exposed areas thoroughly after handling.
Conditions for Safe Storage, including Incompatibilities:	Keep container tightly closed. Store in a cool, dry, well-ventilated area. Store away from incompatibles (see section 10). Avoid extreme heat and cold.

8. Exposure Controls/Personal Protection

Exposure Limits:

Component Name	Reference	Limit Values
Refractometer Calibration Solution	ACGIH (TWA)	Not established
	NIOSH (REL)	Not established
	OSHA (PEL)	Not established

Ventilation:	Use with adequate ventilation.
Respiratory Protection:	Not necessary, but if ventilation is inadequate, use a MSHA/NIOSH approved respirator that meets with OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements.
Eye Protection:	Use safety glasses with side shields or splash goggles.
Skin Protection:	Use chemical resistant gloves. Wash contact areas with soap and water after use.

9. Physical and Chemical Properties

Flashpoint:	Not determined	Lower Flammability Limit:	Not determined
Auto ignition Temperature:	Not determined	Upper Flammability Limit:	Not determined
Boiling Point:	Not determined	Specific Gravity:	Not determined
Melting Point:	Not determined	% Volatile:	Not determined
Vapor Pressure, mm _{Hg} :	Not determined	Evaporation Rate (Water=1):	Not determined
Vapor Density (air=1):	Not determined	Viscosity:	Not determined
%Solubility in Water:	Not determined	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not determined	pH:	Not determined
Odor/Appearance:	Odorless/Clear, colorless liquid		

10. Stability and Reactivity Data

Chemical Stability: Product is stable under recommended conditions of use and storage.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: Avoid extreme heat and cold.
Materials to Avoid: Avoid acids and strong oxidizing agents.
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Routes of Exposure: Skin contact, eye contact, and ingestion.
Acute Toxicity: Oral LD₅₀: No data available.
 Dermal LD₅₀: No data available.
 Inhalation LC₅₀: No data available.
Skin Corrosion/Irritation: No data available.
Serious Eye Damage/Irritation: No data available.
Respiratory/Skin Sensitization: No data available.
Germ cell Mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive Toxicity: No data available.
STOT, SE: No data available.
STOT, RE: No data available.
Other Chronic Toxicity: No known effects from chronic exposure.

12. Ecological Information

Persistence and Degradability: No data available.
Bio-accumulative Potential: No data available.
Mobility: No data available.
Aquatic Toxicity:

Species	Results	Comments
	No data available	

13. Disposal Considerations

Waste Disposal: Disposal should be made in accordance with federal, state, and local regulations.

14. Transport Information

US DOT Classification: Not regulated.
IATA: Not regulated.
IMDG: Not regulated.

15. Other Regulatory Information

Inventory Status: All components listed on inventory or are exempt.

US Regulations:

SARA 302 EHS Chemicals: This material does not contain any SARA extremely hazardous substances.
 SARA (311/312) Hazard Categories: This product does not present any SARA 311/312 hazards.
 SARA 313: This material does not contain any SARA 313 chemicals.
 EPA CERCLA/Superfund Reportable Spill
 Quantity: This material does not contain any CERCLA regulated chemicals.
 California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Abbreviations and Acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstract Service
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
EHS: Extremely Hazardous Substances
EPA: Environmental Protection Agency
GHS: Globally Harmonized System
HMIS: Hazardous Materials Identification System
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
LC₅₀: Lethal Concentration, half maximal
LD₅₀: Lethal Dose, half maximal
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
PPE: Personal Protective Equipment
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
STEL: Short-term exposure limit
STOT, RE: Specific Target Organ Toxicity, Repeated Exposure
STOT, SE: Specific Target Organ Toxicity, Single Exposure
TSCA: Toxic Substances Control Act
TWA: Time weighted average

Additional Information:

HMIS (U.S.A.): Health 0, Flammability 0, Reactivity 0, Protective Equipment b
NFPA (U.S.A.): Health 0, Flammability 0, Reactivity 0

Prepared By: Michael Carlo

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End of SDS