



Material Safety Data Sheet

Nitrite Calibration Solution, 100 mg/L

1. Product Identification

Synonyms: CA-6 Analyzer Nitrite Calibration Solution

CAS No.: Not applicable to mixtures.

Molecular Weight: Not applicable to mixtures.

Chemical Formula: Not applicable to mixtures.

Product Codes: ECD P/N 2010008-1

Manufacture By: Electro-Chemical Devices, Inc.
1681 Kettering
Irvine, CA 92614
Phone: (800) 729-1333

2. Hazards Identification

Emergency Overview

Appearance: Colorless clear liquid.

Potential Health Effects

Eyes: Not hazardous

Skin: Not hazardous

Inhalation: Not hazardous

Ingestion: Not hazardous

Potential Chronic Health Effects:

Carcinogenic Effects: None

Medical Conditions Aggravated by Overexposure: None



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NFPA Ratings:

3. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Mercuric Chloride	7487-94-7	<0.0002 %	No
Sodium Nitrite	7632-00-0	0.005 %	No
Water	7732-18-5	Balance	No

4. First Aid Measures

- Eye Contact:** Check for and remove any contact lenses. In case of contact, flush eyes with plenty of water for at least 15 minutes. Cold water may be used.
- Skin Contact:** Wash with soap and water
- Inhalation:** Not applicable
- Ingestion:** Ingestion of large doses may cause nausea, vomiting, acidosis. Because of low concentration of salt (less than 1%), this product is a low chronic or acute health risk.

5. Fire Fighting Measures

- Flammability of the Product:** Non-flammable
- Auto-ignition Temperature:** Not applicable
- Flash Points:** Not applicable
- Flammable Limits:** Not applicable
- Products of Combustion:** Not applicable
- Fire Hazards:** Not applicable
- Explosion Hazards:** Static Discharge: None



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Mechanical Impact:	None
Fire Fighting Media:	Not applicable
Protective Clothing:	Not applicable
Special Remarks:	None

6. Accidental Release Measures

Small Spill and Leak: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

7. Handling and Storage

Handling: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Storage: Store in a cool, dry, well ventilated place. Store in a tightly closed container

8. Exposure Controls/Personal Protection

Exposure Limits:

ACGIH (United States, 1996)

STEL: 0.025 mg/m³, as mercury

TWA: 0.1 mg/m³, as mercury

Ventilation System:

None

Personal Protection

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Not applicable.

9. Physical and Chemical Properties

Appearance: Clear, colorless liquid.



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Odor: Odorless.

Solubility: Complete (100%)

Specific Gravity: 1.0 water = 1

pH: neutral, pH 5-8

% Volatiles by volume @ 21C (70F): NA

Boiling Point: 100°C

Melting Point: No information found.

Vapor Density (Air=1): Not applicable.

Vapor Pressure (mm Hg): Not applicable.

10. Stability and Reactivity

Chemical Stability: Product is stable

Conditions to Avoid: None

Incompatibilities with Other Materials: None

Hazardous Decomposition Products: Nitrogen oxides, Mercury

Hazardous Polymerization: Has not been reported.

11. Toxicological Information

RTECS Number:

Toxicity: Not Available

Chronic Effects on Humans: Not available

CARCINOGENIC EFFECTS: Not available

Acute Effects on Humans: Not available

Synergetic Products (Toxicologically): Not available.

Irritancy Draize Test: Not available

Sensitization: Not available

Carcinogenic Effects: Not available

Toxicity to Reproductive System: Not available

Teratogenic Effects: Not available



Mutagenic Effects: Not available

12. Ecological Information

Eco-toxicity: No data available

Environmental: No information available

Physical: No information available.

13. Disposal Considerations

Treatment: No special considerations, observe all Federal, State and local laws when disposing of this solution.

14. Transport Information

DOT Classification Proper Shipping Name: Not Regulated

Hazard Class: Not Regulated

UN number: Not Regulated

Packing Group: Not Regulated

RQ: Not applicable.

TDG Classification: Not Regulated

IMO/IMDG Classification: Not available.

15. Regulatory Information

US FEDERAL

TSCA

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule



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None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

CAS# 12125-02-9: 5000 lb final RQ; 2270 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 12125-02-9: immediate, delayed.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

CAS# 12125-02-9 is listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 12125-02-9 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

16. Other Information

Label Hazard Warning:

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.



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Label Precautions:

None.

Label First Aid:

Not applicable.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS-2010008-1 rev. b Feb. 2015
