



Safety Data Sheet (SDS)

CF-3000, 3 Molar Sodium Chloride Solution

Bioanalytical Systems Inc. (BASi)

Section 1: Identification

<i>Product Identifier:</i>	CF-3000 3M Sodium Chloride Solution
<i>Recommended Use:</i>	Reference electrode storage and refill solution
<i>Manufacturer:</i>	Bioanalytical Systems Inc. (BASi) 2701 Kent Avenue West Lafayette, IN 47906 Phone: 765-463-4527 Fax: 765-497-1102
<i>Emergency Phone Number:</i>	800-845-4246

Section 2: Hazard(s) Identification

<i>Hazard Classification:</i>	Serious eye damage/irritation
<i>Precautionary Statement:</i>	Wear appropriate eye personal protective equipment and avoid inhaling solution.

Section 3: Composition/Information on Ingredients

<i>Chemical Name:</i>	Sodium Chloride
<i>CAS#:</i>	7532-04
<i>Purity/Additives:</i>	3 molar in DI water

Section 4: First-Aid Measures

<i>Ingestion:</i>	Rinse mouth thoroughly. Call a Poison Center or doctor if you feel unwell.
<i>Inhalation:</i>	Remove to fresh air; if breathing becomes difficult call a physician. If not breathing, then give artificial respiration and notify the EMS.
<i>Skin Contact:</i>	Wash affected area thoroughly with soap and water. If irritation persists or systemic symptoms develop obtain emergency medical assistance.
<i>Eye Contact:</i>	Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by holding eyelids open and obtain emergency medical assistance immediately.

Section 5: Fire-Fighting Measures

<i>Flash Point:</i>	N/A
<i>Flammable Limits in Air:</i>	N/A
<i>Autoignition Temperature:</i>	N/A

Extinguishing Media: Product is a non-combustible mixture. Use whatever is suitable for surrounding area. Water spray may be used to keep fire exposed containers cool.

Special Firefighting Procedure: Wear self-contained breathing apparatus and protective clothing. Water may be used to flush spills away from exposure.

Unusual Fire/Explosion Hazard: NA

Section 6: Accidental Release Measures

Clean Up Procedure: Sweep up for disposal and wear a dust mask.

Disposal: Dispose in sealed containers according to Federal, State, and Local regulations.

Respiratory Protection: Use an OSHA approved respirator.

Ventilation: A system of general or local exhaust is sufficient under normal laboratory conditions.

Eye/Skin Protection: Safety glasses should be worn at all times. Protective clothing should be worn where skin irritation or other effects may occur.

Section 7: Handling and Storage

Precautions for handling: Wear safety glasses and gloves.

Recommendations for storage: Store product in a cool and dry place.

Section 8: Exposures Controls/Personal Protection

Exposure Limits: None of the components have assigned exposure limits

Section 9: Physical and Chemical Properties

Appearance: Clear or slightly cloudy solution

Formula: NaCl

Formula Weight: 58.44 g/mol

Solubility: 360 g/L (25 °C)

Boiling Point: 1465 °C

Melting Point: 801 °C

Vapor Pressure: 0.13 hPa at 865 °C

Density: 2.16 g/cm³ (25 °C)

Section 10: Stability and Reactivity

Stability: Stable

Incompatibilities: None known

Conditions to Avoid: None known

Hazardous Polymerization: Will not occur

Decomposition Products: None known

Section 11: Toxicological Information

Exposure Routes: Inhalation, ingestion, eyes, and prolonged skin contact.

Symptoms of Overexposure: Possible respiratory irritant; may irritate skin and eyes on contact.

Effects of Overexposure: Irritation to respiratory system, skin, and/or eyes. Harmful if swallowed.

Section 16: Other Information

Date created: 6/5/2020

Date revised: 6/5/2020

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