



**Safety Data Sheet (SDS)**  
**CF-3000, 3 Molar Sodium Chloride Solution**  
Bioanalytical Systems Inc. (BASi)

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**Section 1: Identification**

*Product Identifier:* CF-3000  
3M Sodium Chloride Solution

*Recommended Use:* Reference electrode storage and refill solution

*Manufacturer:* Bioanalytical Systems Inc. (BASi)  
2701 Kent Avenue  
West Lafayette, IN 47906  
Phone: 765-463-4527  
Fax: 765-497-1102

*Emergency Phone Number:* 800-845-4246

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**Section 2: Hazard(s) Identification**

*Hazard Classification:* Serious eye damage/irritation

*Precautionary Statement:* Wear appropriate eye personal protective equipment and avoid inhaling solution.

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**Section 3: Composition/Information on Ingredients**

*Chemical Name:* Sodium Chloride

*CAS#:* 7532-04

*Purity/Additives:* 3 molar in DI water

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**Section 4: First-Aid Measures**

*Ingestion:* Rinse mouth thoroughly. Call a Poison Center or doctor if you feel unwell.

*Inhalation:* Remove to fresh air; if breathing becomes difficult call a physician. If not breathing, then give artificial respiration and notify the EMS.

*Skin Contact:* Wash affected area thoroughly with soap and water. If irritation persists or systemic symptoms develop obtain emergency medical assistance.

*Eye Contact:* 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.

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**Section 5: Fire-Fighting Measures**

*Flash Point:* N/A

*Flammable Limits in Air:* N/A

*Autoignition Temperature:* N/A

<i>Extinguishing Media:</i>	Product is a non-combustible mixture. Use whatever is suitable for surrounding area. Water spray may be used to keep fire exposed containers cool.
<i>Special Firefighting Procedure:</i>	Wear self-contained breathing apparatus and protective clothing. Water may be used to flush spills away from exposure.
<i>Unusual Fire/Explosion Hazard:</i>	NA

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### **Section 6: Accidental Release Measures**

<i>Clean Up Procedure:</i>	Sweep up for disposal and wear a dust mask.
<i>Disposal:</i>	Dispose in sealed containers according to Federal, State, and Local regulations.
<i>Respiratory Protection:</i>	Use an OSHA approved respirator.
<i>Ventilation:</i>	A system of general or local exhaust is sufficient under normal laboratory conditions.
<i>Eye/Skin Protection:</i>	Safety glasses should be worn at all times. Protective clothing should be worn where skin irritation or other effects may occur.

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### **Section 7: Handling and Storage**

<i>Precautions for handling:</i>	Wear safety glasses and gloves.
<i>Recommendations for storage:</i>	Store product in a cool and dry place.

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### **Section 8: Exposures Controls/Personal Protection**

*Exposure Limits:* None of the components have assigned exposure limits

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### **Section 9: Physical and Chemical Properties**

<i>Appearance:</i>	Clear or slightly cloudy solution
<i>Formula:</i>	NaCl
<i>Formula Weight:</i>	58.44 g/mol
<i>Solubility:</i>	360 g/L (25 °C)
<i>Boiling Point:</i>	1465 °C
<i>Melting Point:</i>	801 °C
<i>Vapor Pressure:</i>	0.13 hPa at 865 °C
<i>Density:</i>	2.16 g/cm <sup>3</sup> (25 °C)

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### **Section 10: Stability and Reactivity**

<i>Stability:</i>	Stable
<i>Incompatibilities:</i>	None known
<i>Conditions to Avoid:</i>	None known
<i>Hazardous Polymerization:</i>	Will not occur

*Decomposition Products:* None known

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### **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.

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### **Section 16: Other Information**

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*Disclaimer:*

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