

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION** (N/A)

Product Name: **Sodium Electrode Conditioner**
Manufacturer Name: Roche Diagnostics Corporation
Address: 9115 Hague Road
 PO Box 50457
 Indianapolis, IN 46250-0457
 USA

Emergency Number:
 1-800-424-9300 (U.S. or Canada)
 1-703-527-3887 (International)

Business Phone: 1-800-428-5074 (x7425)

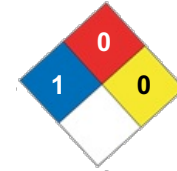
CHEMTREC Numbers:
For emergencies in the US, call CHEMTREC: 800-424-9300

Revision Date: 3/16/2001

Business Unit: Patient Care
Product Line: AVL
Component Part No: Not Applicable
Contact/Preparatory: Don Pearson

NOTE:
 CHEMTREC is used as the emergency number and to be used only in emergencies involving a chemical accident, spill, leak, fire or exposure. Collect calls are accepted.

Product Codes: 3110362 BP0380
 Part Number: Not Applicable

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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS** : (N/A)

Ingredient Name	CAS#	Ingredient Percent
Reagent 1: Ammonium Bifluoride	1341-49-7	0.1-1% by Weight 0.1-1% by Volume
OSHA PEL TWA:	Not Applicable	
OSHA STEL/Ceiling:	Not Applicable	
ACGIH TLV TWA:	Not Applicable	
ACGIH STEL/Ceiling:	Not Applicable	
Hazardous Paragraph:	No other hazardous components > 1%	
Carcinogen Paragraph:	No other components > 0.1% carcinogen	
EC Index Number:	1	
Other Exposure Guidelines:	Swiss OEL: TWA 1.8 ppm/STEL 9.0 ppm	

Reagent 2: Not Applicable

Reagent 3: Not Applicable

Reagent 4: Not Applicable

Reagent 5: Not Applicable

Reagent 6: Not Applicable

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**SECTION 3 : HAZARDS IDENTIFICATION** : (N/A)

NFPA Rating:
 Health: 1
 Fire: 0
 Reactivity: 0

Reagent 1: Ammonium Bifluoride :

Route of Exposure: Primary: Inhalation, ingestion, skin and/or eye contact.
Potential Health Effects: No adverse health effects should occur from routine use of this material in the manner specified by the manufacturer's instructions.
Eye Contact: May cause irritation on contact.
Skin Contact: Skin contact may cause irritation.
Inhalation: Inhalation mists or sprays of these components may irritate the nose, throat, and lungs. Symptoms are generally alleviated upon breathing fresh air.
Ingestion: Ingestion of this product, especially in large quantities, may cause nausea.
Chronic Health Effects: Not Applicable

Aggravation of Pre-Existing Conditions: Not Applicable

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SECTION 4 : FIRST AID MEASURES : (N/A)

Eye Contact: Immediately flush eye(s) with large volumes of water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

Skin Contact: In case of contact, flush skin with plenty of water. If reddening, inflammation, or irritation develops, get medical attention.

Inhalation: If breathing becomes difficult, remove victim to fresh air. Seek medical attention immediately.

Ingestion: Do not induce vomiting. Get medical attention. Rinse mouth. Give water to drink. Do not give anything by mouth to an unconscious person.

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SECTION 5 : FIRE FIGHTING MEASURES : (N/A)

Flash Point: Not Applicable

Upper Flammable or Explosive Limit: Not Applicable

Lower Flammable or Explosive Limit: Not Applicable

Extinguishing Media: Use fire extinguishing media appropriate for site conditions.

Fire Fighting Instructions: Structural firefighting gear and self-contained breathing apparatus will provide adequate protection if this product is in a fire area.

Unusual Fire Hazards: Not Applicable

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SECTION 6 : ACCIDENTAL RELEASE MEASURES : (N/A)

Personal Precautions: PPE should be: lab gloves, chemical resistant apron, boots, and splash goggles (if splash hazard exists).

Spill Cleanup Measures: Use an absorbent material to contain/pick up the spilled solution. Disinfect area with 0.5% hypochlorite solution (1:10 dilution of chlorox). Place all spill residue into a suitable container, seal, label, and hold for disposal.

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SECTION 7 : HANDLING and STORAGE : (N/A)

Storage: Store vials as directed in the package insert.

Work Practices: Good laboratory technique should be used when handling this product. Observe appropriate chemical hygiene. Avoid contact with skin or eyes. Do not place in mouth.

Hygiene Practices: Do not eat, drink, or smoke while working with product. Upon completion of work activities involving this product, wash hands thoroughly with soap and water.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION : (N/A)

Engineering Controls: Eye wash stations and deluge showers

Ventilation System: Supplemental ventilation is not required for the normal use of this product.

Hand Protection Description: Protective Gloves: Wear appropriate protective gloves to prevent skin contact.

Respiratory Protection: Respiratory protection is not required under normal use of this product.

Other Protective: Wear appropriate eye protection to prevent eye contact. Wear appropriate body protection to prevent skin contact.

Work Practices:
Good laboratory technique should be used when handling this product. Observe appropriate chemical hygiene. Avoid contact with skin or eyes. Do not place in mouth.

Hygienic Practices:
Do not eat, drink, or smoke while working with product. Upon completion of work activities involving this product, wash hands thoroughly with soap and water.

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES : (N/A)

Physical State/Appearance: Reagent 1: Liquid
Reagent 2: Not Applicable
Reagent 3: Not Applicable
Reagent 4: Not Applicable
Reagent 5: Not Applicable
Reagent 6: Not Applicable

Color: Reagent 1: Colorless
Reagent 2: Not Applicable
Reagent 3: Not Applicable
Reagent 4: Not Applicable
Reagent 5: Not Applicable
Reagent 6: Not Applicable

Odor: Reagent 1: Odorless
Reagent 2: Not Applicable
Reagent 3: Not Applicable
Reagent 4: Not Applicable

	Reagent 5: Not Applicable
	Reagent 6: Not Applicable
pH:	3.5
Vapor Pressure:	mm Hg @ 20 deg C: Not Applicable
Vapor Density:	Relative (air = 1): Not Applicable
Boiling Point:	100 deg C
Freezing Point:	0 deg C
Melting Point:	0 deg C
Solubility:	In Water: Soluble in water
Specific Gravity:	(Water = 1): 1.0
Evaporation Point:	(nBuAc = 1): Not Applicable

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SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability:	Yes, under normal handling and storage conditions.
Conditions to Avoid:	Excess heat, flame, or pressure.
Incompatibilities with Other Materials:	(Materials to Avoid): Strong bases, strong acids, and water reactive materials.
Hazardous Polymerization:	Will not occur. Conditions to Avoid: Not Applicable
Hazardous Decomposition Products:	Thermal decomposition may emit carbon monoxide and carbon dioxide.

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SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

Reagent 1: Ammonium Bifluoride :

Carcinogenicity:	No CHEMICAL NAME: Not Applicable
Reproductive Toxicity:	Not Applicable
Other Toxicological Information:	Target Organ Effects: Not Applicable
Toxicological Paragraph:	Toxicity Data: Not Applicable

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SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Environmental Fate:	Not Applicable
Effect of Material on Plants/Animals:	Not Applicable
Effect of Material On Aquatic Life:	Not Applicable
Environmental Stability:	Not Applicable

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SECTION 13 : DISPOSAL CONSIDERATIONS : (N/A)

Waste Disposal:	Please consult local, state and federal regulations for additional guidance on disposal.
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SECTION 14 : TRANSPORT INFORMATION : (N/A)

Transportation Information:	This material not regulated under transportation regulations. Proper Shipping Name: Not Applicable Hazard Class Number: Not Applicable Packing Group: Not Applicable UN Number: Not Applicable
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SECTION 15 : REGULATORY INFORMATION : (N/A)

Reagent 1: Ammonium Bifluoride :

TSCA 8(b): Inventory Status:	This product is regulated by the Food and Drug Administration; it is exempt from the requirements of TSCA.
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Section 302 Extremely Hazardous Substances (TPQ):	(SARA 302;40 CFR 355,App. A): Not Applicable
Section 302 Extremely Hazardous Substances (RQ):	(SARA 302;40 CFR 355,App. A): Not Applicable
Section 304 CERCLA RQ:	(SARA 304; 40CFR Table 302.4): Not Applicable
Section 313 Toxic Release Form:	(40 CFR 372): Not Applicable
US Federal:	Not Applicable

State:	California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): No component of this product is on the California Proposition 65 List
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NFPA:

Health:	1
Fire Hazard:	0
Reactivity:	0
MSDS Revision Date:	3/16/2001

MSDS Author: Don Pearson

Disclaimer:

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Other Comments:

N=No

Y=Yes

N/A=Not applicable or no information

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