

**MATERIAL SAFETY DATA SHEET**

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**SECTION I**  
----- IDENTIFICATION -----

IDENTITY: Na/pH ELECTRODE CONDITIONING SOLUTION  
CATALOG NUMBER: 00018

**SECTION II**  
HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS: 0.1 M AMMONIUM BIFLUORIDE IN WATER  
CAS #: 1341-49-7

**SECTION III**  
PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 100°C  
SOLUBILITY IN WATER: APPRECIABLE (MORE THAN 10%)  
APPEARANCE AND ODOR: CLEAR, ODORLESS LIQUID

**SECTION IV**  
FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS: NONFLAMMABLE  
EXTINGUISHING MEDIA: USE EXTINGUISHING MEDIA APPROPRIATE FOR  
SURROUNDING FIRE.

**SECTION V**  
REACTIVITY DATA

STABLE: YES  
CONDITIONS TO AVOID: MINERAL ACIDS  
INCOMPATIBILITY: STRONG ACIDS  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: AMMONIA, HYDROGEN FLUORIDE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VI  
HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION, SKIN, INGESTION

HEALTH HAZARDS (ACUTE AND CHRONIC): CONTACT WITH SKIN OR EYES  
MAY CAUSE IRRITATION OR BURNS. TOXIC IF SWALLOWED.

SIGNS AND SYMPTOMS OF EXPOSURE: NAUSEA, ABDOMINAL PAINS

EMERGENCY AND FIRST AID PROCEDURES:

SKIN AND EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER.  
CALL A PHYSICIAN.

SECTION VII  
PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COVER  
SPILL WITH SODIUM BICARBONATE AND SCOOP INTO PLASTIC  
CONTAINER.

WASTE DISPOSAL METHOD: DISPOSE BY STATE-APPROVED WASTE DISPOSAL  
COMPANY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER  
TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE.

SECTION VIII  
CONTROL MEASURES

VENTILATION: LOCAL EXHAUST

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: GOOGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LAB COAT

WORK/HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. NOVA shall not be held liable for any damage or personal injury resulting from handling or from contact with the above product.

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