

MATERIAL SAFETY DATA SHEET

Part#FOOIS02

SECTION I: GENERAL INFORMATION

PRODUCT NAME: Fluoride ISA, TISAB II
MANUFACTURE'S NAME: pHoenix Electrode Company Houston, TX 77081
DISTRIBUTED BY: pHoenix Electrode Company
ADDRESS: 6103 Glenmont Houston, Texas 77081
PHONE: 713/772-6666 **FAX:** 713/772-4671
CHEMICAL NAME: Acetic Acid/Sodium Acetate/Sodium Chloride in Water
CHEMICAL FAMILY: salt solution
DOT SHIPPING INFO: Testing per NACE (TM-01-69) has shown this product to be non-corrosive.
IATA SHIPPING INFO: Testing per NACE (TM-01-69) has shown this product to be non-corrosive.

SECTION II: INGREDIENTS

CAS NO.	%	CHEMICAL NAME(S)	LD50(mg/kg) oral-rat	OSHA/PEL ACGIH TLV
64-19-7	0.35%	Acetic Acid	1200	25 mg/m ³
127-09-3	2.05%	Sodium Acetate	1300	none
7647-14-5	1.45%	Sodium Chloride	8000	none
7732-18-5	96.15%	Water	-	none

SECTION III: PHYSICAL DATA

BOILING POINT: 100°C **SPECIFIC GRAVITY:** 1.07
VAPOR PRESSURE: N/A **FREEZING POINT:** -6°C
VAPOR DENSITY: N/A **pH:** 5-5.5
WATER SOLUBILITY: Soluble
APPEARANCE & ODOR: Colorless liquid, vinegar like odor

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASHPOINT: Not flammable
AUTOIGNITION TEMPERATURE: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam or mist
SPECIAL FIRE FIGHTING PROCEDURES: Use self contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Irritation of respiratory tract, upset stomach or nausea, irritation of eyes, nose, and throat.

EMERGENCY & FIRST AID: Wash off contact area with water.

EYES & SKIN: Irrigate with plenty of water.

INGESTION/INHALATION: Dilute with large amounts of water. Do not induce vomiting. Consult physician.

SECTION VI: REACTIVITY DATA

STABLE: yes

CONDITIONS TO AVOID: Heat or flame

INCOMPATIBILITY: Strong oxidizers (HNO_3 , Chromic Acid, Sodium Peroxide). Contact with strong caustics can cause spattering.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases such as carbon monoxide may be released during a fire.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN: Vacuum up and set aside for waste disposal.

WASTE DISPOSAL METHOD: Dilute neutralized solution down drain with excess water. Observe all federal, state, and local laws when disposing of this solution.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A

VENTILATION: Yes

PROTECTIVE GLOVES: Any

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE EQUIPMENT:

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Keep away from oxidizers and caustics. Keep well sealed and store at room temperature. Acetic acid is a CERCLA hazard and is subject to Section 304 of SARA Title III.

OTHER PRECAUTIONS: Always wash hands thoroughly with soap and water after working with this material. NFPA Rating (0-4): Health-1, Fire-1, Reactivity-0, Specific-none.

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