

**APG****Analytical Products Group, Inc.**2730 Washington Blvd., Belpre, OH 45714  
740-423-4200 800-272-4442 Fax 740-423-5588**Material Safety Data Sheet**

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**Section I: Product Identification**

CATALOG NUMBER: 1200/4420/4422/4423/4424/6210/6202/226200	PRODUCT NAME: Fluoride
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**Section II - Hazardous Ingredients/Identity Information**

Chemical Name	CAS Reg. No.	OSHA PEL (TWA)	% Composition*
No hazardous components greater than 1% by weight.			

**Non-Hazardous Ingredients/Identity Information**

Chemical Name	CAS Reg. No.	OSHA PEL (TWA)	% Composition*
Water, Inorganic salts, and Fluoride			100%

\* components are calculated on a weight/weight basis.

**Section III - Physical/Chemical Characteristics of Hazardous Ingredients**

BOILING POINT: >100 C	SPECIFIC GRAVITY: NA		
VAPOR PRESSURE: 769 mm @ 100 C	SOLUBILITY IN WATER: Complete	APPEARANCE/ODOR: Clear, colorless and odorless liquid.	

**Section IV - Fire and Explosion Hazard Data**

FLASH POINT (Method used): Not available	AUTO IGNITION TEMPERATURE: Not available	FLAMMABLE LIMITS	LEL NA	UEL NA
EXTINGUISHING MEDIA: Non-flammable, use extinguisher media appropriate for surrounding the fire.				
SPECIAL FIRE FIGHTING PROCEDURES: NA				
UNUSUAL FIRE AND EXPLOSION HAZARDS: NA				

**Section V - Reactivity Data**

STABILITY:	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid: None known
INCOMPATIBILITY (Materials to avoid): Water reactive materials.			
HAZARDOUS DECOMPOSITION PRODUCTS: None known			
HAZARDOUS POLYMERIZATION:	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid: NA

**Section VI - Health Hazard Data**

<b>ROUTES OF ENTRY</b>	Inhalation? No	Skin? Yes	Ingestion? Yes
HEALTH HAZARDS (Acute and Chronic): ACUTE: N/A CHRONIC: See below.			
COMPONENTS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS: None			
SIGNS AND SYMPTOMS OF EXPOSURE: Ingestion of sample quantities may cause abdominal discomfort in some individuals.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Repeated ingestion may cause molting teeth and bone damage.			
EMERGENCY AND FIRST AID PROCEDURES: Seek medical assistance for treatment, observation and support if necessary. EYE CONTACT: Flush with water. SKIN CONTACT: Flush with water. INHALATION: N/A INGESTION: Drink excess water, induce vomiting if conscious, and contact a physician if discomfort persists.			

**Section VII - Precautions for Safe Handling and Use**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb and dispose of material as non-hazardous laboratory waste.
WASTE DISPOSAL METHOD: Add calcium hydroxide to sample or diluted sample and flush to sewer or dispose as non-hazardous waste.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use normal laboratory practice in handling and storage.
OTHER PRECAUTIONS* Analytical standard samples should never be heated or concentrated.

**Section VIII - Control Measures**

RESPIRATORY PROTECTION (Please specify): None required	
VENTILATION: None required	
PROTECTIVE GLOVES: None required	EYE PROTECTION: Safety glasses
OTHER PROTECTIVE EQUIPMENT: NA	
EMERGENCY WASH FACILITIES: Maintain eye wash and quick drench showers in work area.	

The information stated in this Material Safety Data Sheet (MSDS) is believed to be correct on the date of publication and must not be considered all conclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. Persons not specifically and properly trained should not handle this chemical or its container. This MSDS is provided without any warranty expressed or implied, including merchantability or fitness for any particular purpose.

This product is furnished for laboratory use ONLY! Our standards may not be used as drugs, cosmetics, agricultural or pesticidal products, food additives or as house hold chemicals.

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