


Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Sodium Fluoride solution		
Mol.formula	Naf	Cas no	null
Mol.wt	41,99 g/mol	Cat no	SF001
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2.Hazards Identification	
<p>Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Acute toxicity, Oral (Category 3), H301 Skin irritation (Category 2), H315 Eye irritation (Category 2), H319 Label elements Labelling according Regulation (EC) No 1272/2008 Pictogram</p>	
	
Signal word	Danger
Hazard statement(s)	
H301 Toxic if swallowed	
H315 Causes skin irritation	
H319 Causes serious eye irritation	
Precautionary statement(s)	
P301 + P330 + P331 + P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/ physician	
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing	
Supplemental Hazard information (EU)	
EUH032 Contact with acids liberates very toxic gas	



Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3. First Aid Measures**Description of first aid measures****General advice**

Hydrofluoric (HF) acid burns require immediate and specialized first aid and medical treatment. Symptoms may be delayed up to 24 hours depending on the concentration of HF. After decontamination with water, further damage can occur due to penetration/absorption of the fluoride ion. Treatment should be directed toward binding the fluoride ion as well as the effects of exposure. Skin exposures can be treated with a 2.5% calcium gluconate gel repeated until burning ceases. More serious skin exposures may require subcutaneous calcium gluconate except for digital areas unless the physician is experienced in this technique, due to the potential for tissue injury from increased pressure. Absorption can readily occur through the subungual areas and should be considered when undergoing decontamination. Prevention of absorption of the fluoride ion in cases of ingestion can be obtained by giving milk, chewable calcium carbonate tablets or Milk of Magnesia to conscious victims. Conditions such as hypocalcemia, hypomagnesemia and cardiac arrhythmias should be monitored for, since they can occur after exposure. Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

Indication of any immediate medical attention and special treatment needed

No data available



Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Dry powder

Special hazards arising from the substance or mixture

Hydrogen fluoride, Sodium oxide

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

Further information

No data available.

Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas.

Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

Section 6. Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols

Provide appropriate exhaust ventilation at places where dust is formed

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place

Never allow product to get in contact with water during storage. Do not store near acids

Moisture sensitive

Storage class (TRGS 510): Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous

materials causing chronic effects

Specific end use(s)

Apart from the uses mentioned in other specific uses are stipulated



Section 7. Additional Information

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

