

## Hach SPADNS Fluoride Reagent

INGREDIENTS	CAS NO	%	8HR OEL
sodium arsenite	7784-46-5	0.01-0.1	0.05 mg/m3
HYDROCHLORIC ACID	7647-01-0	30-40	-
Phosphate Standard Solution 500 mg/l as PO4	7732-18-5	60-70	-



UN No: 1789  
 Hazchem Code: 2R  
 DG Class: 8  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: II  
 Poisons Schedule: S5



## NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Harmful if swallowed.  
 Toxic by inhalation.  
 Causes burns.  
 Risk of serious damage to eyes.  
 May cause SENSITISATION by skin contact.

## Chronic Health Effects:

May cause CANCER.  
 \* – limited evidence

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

Local Exhaust Ventilation recommended.

## Glasses:

Consider full face-shield.

## Gloves:

1.HYPALON 2.NEOPRENE/NATURAL

## Respirator:

Type B-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

## Storage and Transportation:

Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Not recommended for interior use on large surface areas. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters. Keep away from food, drink and animal feeding stuffs.

## Fire/Explosion Hazard:

Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Not recommended for interior use on large surface areas. Dispose of this material and its container at hazardous or special waste collection point. In case of fire and/or explosion, DO NOT BREATHE FUMES.

## Environment:

May cause long-term adverse effects in the aquatic environment.

## PROPERTIES



Liquid. Mixes with water. Corrosive. Acid. Does not burn.

## EMERGENCY



## FIRST AID

## Swallowed:

Give water (if conscious). URGENT MEDICAL ATTENTION.

## Eye:

Wash with running water (15 mins). Medical attention.

## Skin:

Flood body with water. Remove contaminated clothing. Wash with water

## Inhaled:

Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

## Advice To Doctor:

Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.

## Fire Fighting:

Keep surrounding area cool. Water spray/fog.

## Spills and Disposal:

Absorb with dry agent. Dilute with water. Neutralize with soda ash/ lime. Stop leak if safe to do so. Not recommended for interior use on large surface areas. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable

x



Explosive

x



Radioactive

x



Oxidizing

x

x — Must not be stored together