

## Vhg ISQC Standard '21'

INGREDIENTS	CAS NO	%	8HR OEL
nitric acid	7697-37-2	5	5.2 mg/m3
hydrofluoric acid	7664-39-3	<1	N/A
tartaric acid	87-69-4	<1	-
water	7732-18-5	>60	-



UN No: 3264  
 Hazchem Code: 2X  
 DG Class: 8  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: II  
 Poisons Schedule: **Not Applicable**



## NFPA Rating:

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

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Harmful by inhalation, in contact with skin and if swallowed.  
 Causes burns.  
 Risk of serious damage to eyes.

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

General Exhaust Ventilation adequate.

## Glasses:

Consider full face-shield.

## Gloves:

1.HYPALON 2.PE/EVAL/PE 3.VITON

## Respirator:

Type ABE-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.  
 Use only in well ventilated 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:

Attacks metals to liberate hydrogen.  
 Use only in well ventilated areas.  
 Dispose of this material and its container at hazardous or special waste collection point.

## 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:

Remove contaminated clothing. Flood with water. Apply CALCIUM gel. Give CALCIUM tablets.

## Inhaled:

Fresh air. If breath shallow give oxygen. Give 6 CALCIUM gluconate/carbonate tabs. Medical attention.

## Advice To Doctor:

Treat symptomatically.  
 GI absorption may be retarded with milk.  
 Hypocalcemic patients - calcium gluconate.  
 Burns may require subcutaneous injections of calcium gluconate.

## Fire Fighting:

Keep surrounding area cool. Water spray/fog.

## Spills and Disposal:

Prevent from entering drains.  
 Contain spillage by any means.  
 Absorb with dry agent.  
 Neutralize with soda ash/ lime.  
 Stop leak if safe to do so.  
 Use only in well ventilated 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



Explosive Radioactive

x

x

x — Must not be stored together