

# Hydrofluoric Acid (HF) Chemical Safe Handling

The 4 hours of training enables participant to anticipate the impact of HF on the human body, protect oneself, and react swiftly during spillage or splash emergency.

**DURATION**
4 Hours

**LANGUAGE**
English

**COURSE CODE**
HS-50621

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# Hydrofluoric Acid (HF) Chemical Safe Handling Course

## Course Content

- Characteristic of Hydrofluoric Acid (HF)
- Common uses of HF
- Effect of HF on the human body
- Personal Protective Equipment
- Workplace Safety Provisions and Arrangement for HF Usage
- Action to be taken in the event of HF contamination/splash
- Method of using Calcium Gluconate Gel
- Dealing with Spillage of HF
- Training, Communication, and Record-Keeping

**Who Should Attend:**

- Individuals involved in dilution or handling of Hydrofluoric Acid in daily activities, Individuals who supervise chemical use, Individuals who involve in the storage and disposal of Hydrofluoric Acid

**Method of Study**

- Face-to-face workshop with active learning environment
- Online Webinar with virtual interactive activities

**Assessment**

- Online Quiz upon completion of course

**Certification**

- Certificate of Attendance will be awarded for participant who:
  - With 100% attendance; and
  - Passing the assessment criteria

**Learning Outcomes**

- Identify the characteristic of hydrofluoric acid
- Describe common uses of hydrofluoric acid
- Understand the effect of hydrofluoric acid on the human body
- Choose the correct Personal Protective Equipment when handle hydrofluoric acid
- Apply workplace safety provisions and arrangement for hydrofluoric acid usage
- Demonstrate the action to be taken in the event of hydrofluoric acid contamination/splash
- Apply the method of using Calcium Gluconate Gel when contact with hydrofluoric acid
- Demonstrate on how to deal with spillage of hydrofluoric acid
- Identify the communication means and record keeping requirement

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