

CORROSIVE ACIDS AND CAUSTICS

CHEMICAL SAFETY | THINK AHEAD. CONTROL THE HAZARD. PROTECT THE CREW.

Today we are discussing corrosive acids and caustics. Review the job, identify the specific exposure, and agree on the controls before work begins.

COMMON HAZARDS AND SAFEGUARDS

- Confirm chemical concentration and temperature
- Use splash goggles, face shield, gloves, and protective clothing
- Inspect transfer equipment before opening the system
- Add chemical and water only in the approved sequence
- Keep eyewash and shower access unobstructed
- Flush any exposure immediately for the required duration

THE COMMON-SENSE CHECK

- 1 What can go wrong during corrosive acids and caustics?
- 2 Which of today's conditions increases the risk?
- 3 Are isolation, permits, and equipment verified?
- 4 Does everyone understand the controls and limits?
- 5 What will make us stop, withdraw, or raise the alarm?

CONTROL THE EXPOSURE

PLAN

Confirm chemical concentration and temperature

VERIFY

Use splash goggles, face shield, gloves, and protective clothing

CONTROL

Inspect transfer equipment before opening the system

RESPOND

Flush any exposure immediately for the required duration

ASK THE CREW

1. Where could this hazard affect us during today's work?

2. Which control must be verified before we begin?

3. What condition requires us to stop work or evacuate?

DATE: _____

SUPERVISOR: _____

CREW / LOCATION: _____