

HSSE LESSON LEARNT

CHEMICAL BURN INJURY DUE TO HYDROFLUORIC ACID (HF)

WHAT HAPPENED?

A 31-year-old male of the American Society of Anesthesiologists (ASA I) who was working in glass manufacturing industry suffered a burn, induced by hydrofluoric acid (HF) as a result of an explosion of an acid container. The patient was admitted to the burn center with second and third degree burn injuries over 5% of his body



The lesions induced by hydrofluoric acid burn in the left forearm

RELATED HAZARD?

- Tissue necrosis
- Bone destruction
- Chemical burns
- Sudden death due to multi-organ failures

WHAT CAN WE LEARN

- Reading & re-reading each chemical SDS to minimize the risk of mishandling.
- Wearing PPE.
- Being prepared for emergencies with first aid.
- Not working with or handling chemicals while alone.

Reference: CASE REPORT / OLGU SUNUMU