

FACT SHEET on large quantities of toxic HF used at refineries [For additional background, please click on links below]

1. Hydrofluoric Acid (HF) is an Exceptionally Hazardous Chemical

A. Respected studies show HF is acutely deadly for many miles-
Video - Industry test of release of 1,000 gallons of HF (link)

B. Used in **massive quantities in facilities vulnerable** to:

- Accidents
- Natural disasters
- International terrorist or criminal acts
Letter from National Security Experts (link)

C. NY Times OP-ED by former Director of US Chemical Safety Board
NY Times OP- (link)

2. A massive release of HF is a threat to:

- At least 14,000,000 people in HF communities like So LA County. People live, work, & recreate without knowing about this danger: (a large percent are low income and/or people of color facing additional environmental injustice) - per EPA. Also in these danger circles are:
 - Workforces critical to national security - aerospace, military, & logistical hubs
 - Environmentally threatened wildlife
 - Hundreds of hospitals stressed by Covid-19 and other community crises.
 - First responders needed in the event of a triggering natural disaster

3. HF cannot be sufficiently mitigated to avoid Off-Site Consequences as demonstrated by numerous near misses (per US Chemical Safety Board)

Brief but gripping video & video of a HF release at now closed Philly refinery [Link]

4. Vastly Safer Technology Alternatives are available from large multinational industry vendors. These alternatives have been vetted by **Industry Consensus. Amer. Petroleum Institute (API) says there are “commercially proven alternatives”**. **Overview of commercially available safer alternatives.**

5. Attempts to require Conversion from HF to Safer Technology by local legislation, local regulation, & direct appeals to outlier refiners have allowed the continued use of HF.

Federal Action is required, the proposed EPA RMP Rule allows the continued use of HF/MHF

TRAA’s Proposal to EPA (link)

https://docs.google.com/document/d/1XcADebl0JR_WWBaUV1_5AX6DGrqm1UoQ/edit?usp=sharing&ouid=115768598386361155461&rtpof=true&sd=true