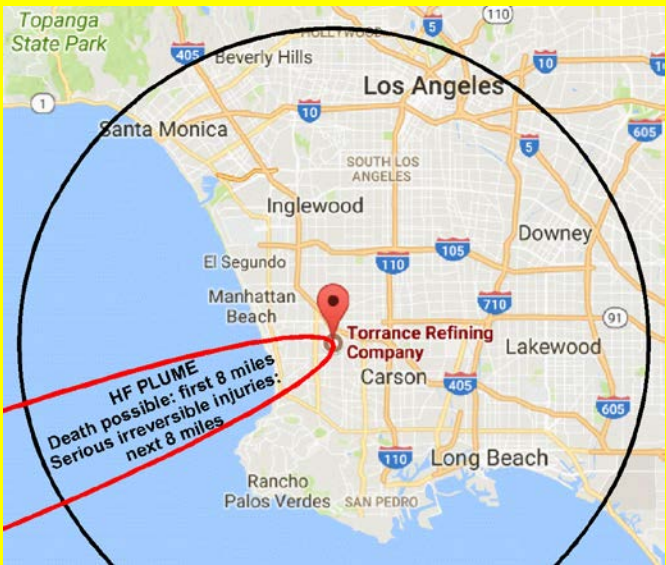


# PUBLIC SAFETY WARNING



Representation of the ground-hugging acid cloud from 50,000 lb of modified hydrofluoric acid (MHF) very nearly released during the 2015 Torrance refinery explosion. The prevailing wind that day was toward the west.

## You & Your Family Are at Risk from MHF at the Torrance Refinery!

An important message from the  
**TORRANCE REFINERY ACTION ALLIANCE**  
A volunteer, grassroots, community group  
seeking a ban on MHF

## THE DANGER

One of the world's most dangerous industrial chemicals, hydrofluoric acid (HF) is used in massive quantities in only two California refineries, Torrance and Valero, Wilmington. The refineries claim a chemical they add to the HF makes it safe. But at only one or two additive molecules per hundred, it's too little to make a difference. "Modified" hydrofluoric acid (MHF) is just as deadly as HF. If released, it forms a ground-hugging cloud that can drift for miles, causing death and injury. The refineries' other mitigation measures, like water sprays and barriers, are also ineffective. Mass casualties can result from an MHF release — wind direction determines who dies.

## WHAT'S BEING DONE

For decades, the South Bay has battled the refineries' all-too-successful campaign to keep using HF rather than converting to a much safer process, such as is used at Chevron in El Segundo and the other California refineries. Following the massive Torrance refinery explosion in February 2015, which nearly released 50,000 lb of MHF, investigations by TRAA and the U.S. Chemical Safety Board uncovered the true threat MHF poses. Now, the South Coast Air Quality Management District (SCAQMD) is considering Rule 1410 to require MHF/HF replacement with a safer alternative at both refineries. But industry is fighting back with well-financed campaigns. **The next few months are critical!**

## WHAT YOU CAN DO

**Work with your neighbors in TRAA** to rid the Greater South Bay of deadly MHF:

- **Email SCAQMD with your support for Rule 1410** banning MHF. Instructions are on the TRAA website.
- **Stay informed and help.** Go to the TRAA website and sign up for the **bi-monthly newsletter**. Attend TRAA meetings at Torrance Sizzler, 2880 Sepulveda, 1st & 3rd Mondays at 6 p.m.
- Email [LawnSigns@TRAASouthBay.com](mailto:LawnSigns@TRAASouthBay.com) for a free **Ban MHF** lawn sign.



[TRAASouthBay.com](http://TRAASouthBay.com)

Contact TRAA at

[TRAASouthBay@gmail.com](mailto:TRAASouthBay@gmail.com)