



AN/FO

NA 0331 (Contains only prilled ammonium nitrate)

Shipping Name: Ammonium nitrate/fuel oil mixtures
Other Names: AMFO
Ammonium nitrate: fuel oil



WARNING! • EXPLOSIVE! MAY DETONATE IF INVOLVED IN A FIRE!

Hazards:

- Potentially explosive mixture, but is difficult to detonate
- May interfere with the body's ability to use oxygen
- Irritating to skin, eyes, nose and lungs
- Combustion products include toxic nitrogen oxides

Awareness and Operational Level Training

Response:

- Stay upwind and uphill
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- Remove all ignition sources
- For container exposed to fire evacuate the area in all directions because of the risk of explosion
- Evacuate the immediate area and downwind for a large release
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

Description:

- A slurry of ammonium nitrate in fuel oil
- Odor like fuel oil
- Flammable
- No information on water solubility
- Used as an explosive

Operational Level Training Response:

RELEASE, NO FIRE:

- Cover material to protect from wind, rain or spray
- Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release

FIRE:

- Approach fire with extreme caution; consider letting fire burn
- Specially trained personnel operating from a safe distance can fight fires using foam or dry chemical if available in sufficient amounts or use fog streams to extinguish burning liquid. Keep exposures cool to protect against re-ignition. Do not direct straight streams into liquid.
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

First Aid:

- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ◆ Inhalation - remove the victim to fresh air and give oxygen if available
 - ◆ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ◆ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ◆ Swallowed - do not make the victim vomit
- Seek medical attention
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing
- Note to physician: can cause methemoglobinemia; if symptoms indicate, methylene blue is the antidote