



2,4-DINITROANILINE

UN 1596

Shipping Name: Dinitroanilines
Other Names: 1-Amino-2,4-dinitrobenzene
2,4-Dinitro-1-aminobenzamine
2,4-Dinitrobenzamine
DNA



- WARNING!**
- **POISON! BREATHING THE VAPORS OR DUST CAN KILL YOU!**
 - Fire fighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel
 - **EXPLOSIVE! CONTAINER OR MATERIAL MAY EXPLODE WHEN EXPOSED TO HEAT OR FLAMES!**

Hazards:

- Irritating to skin, eyes, nose and lungs
- Vapors are heavier than air and will collect and stay in low areas
- Can affect the body's ability to use oxygen
- Combustion products include toxic nitrogen oxides

Awareness and Operational Level Training

Response:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Stay uphill and upwind
- 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
- 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:

- Yellow solid
- Musty odor
- Sinks in water and is insoluble in water
- Flammable and explosive when exposed to heat or flame
- Vapors are heavier than air and will collect and stay in low areas

Operational Level Training Response:

RELEASE, NO FIRE:

- Cover material to protect from wind, rain or spray
- Prevent contaminated runoff from entering sewers and waterways if it can be done safely well ahead of the release
- Ventilate confined area if it can be done without placing personnel at risk

FIRE:

- Approach fire with extreme caution; consider letting fire burn
- Material does not easily burn; fight surrounding fire with an agent appropriate for the burning material
- 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 (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location

First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- 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
- Note to physician: can cause methemoglobinemia; if symptoms indicate, methylene blue is the initial antidote

CAS: 97-02-9