



PICRIC ACID

UN 0154 (dry or wetted with less than 30% water)

NA 1344 (wetted with greater than 10% water)



Shipping Name: UN 0154 Picric acid, dry or or wetted with less than 30% water

NA 1344 Picric acid, wet with not less than 10% water

Other Names: Melinite Picral
Phenol trinitrate Trinitrophenol

WARNING! ● **EXPLOSIVE! DRY MATERIAL WILL EXPLODE UPON CONTACT WITH HEAT, FLAMES OR IF SHOCKED!**
● **EXTREMELY FLAMMABLE!**

Hazards:

- Very irritating to skin, eyes, nose and lungs; skin and eye contact causes severe burns and blindness
- Vapors are heavier than air and will collect and stay in low areas
- Fire fighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel
- Vapors in confined areas (e.g., tanks, sewers ,buildings) may explode when exposed to fire
- Combustion products include toxic nitrogen oxides
- Corrosive to metals

Awareness and Operational Level Training Response:

- **Do not put yourself in danger by entering a contaminated area to rescue a victim**
- Stay upwind
- Determine the extent of the problem
- **BACK OFF!** - Isolate a wide area around the release or fire, deny entry and call for expert help
- 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 down wind 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:

- Yellow solid
- No odor
- Sinks in water and is slightly soluble in water
- Extremely flammable
- Vapors are heavier than air and will collect and stay in low areas

Operational Level Training Response:

RELEASE, NO FIRE:

- Wet material with water or foam from a safe distance
- 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
- Use water or foam to extinguish fire
- 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
- For skin burns decontaminate with water and apply a clean dry dressing

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