



# 1,4-BUTYNEEDIOL

UN 2716

Shipping Name: 1,4-Butynediol

Other Names: 2-Butyne-1,4-diol

2-Butynediol

Butynediol

1,4-Dihydroxy-2-butyne



## Hazards:

- Severely irritating to skin, eyes, nose and lungs
- Container may explode when exposed to fire
- Vapors are heavier than air and will collect and stay in low areas

## Awareness and Operational Level Training

### Response:

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

## Description:

- White to light yellow solid
- No odor found
- Initially floats on the surface of water and is soluble in water
- Flammable
- 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:

- 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:

- 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

CAS 110-65-6