



# 2,4-D

UN 2765

Shipping Name: Phenoxy pesticides, solid, toxic  
Other Names: 2,4-Dichlorophenoxyacetic acid  
Dichlorophenoxyacetic acid  
Weedone



## Hazards:

- Swallowing or inhaling the dust can cause illness
- Container may explode when exposed to fire
- Combustion and decomposition products upon heating include toxic hydrogen chloride

## Description:

- White to yellow solid
- No odor
- Sinks in water and is insoluble in water
- Flammable
- An herbicide

## 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
- 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

### 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

#### 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: 94-75-7