



# CARBACHOL CHLORIDE

Other Names: Carbachol  
Carbacholin  
Carbacholine dichloride  
Carbamiotin  
Choline chloride carbamate  
Doryl  
Lentin  
Miostat

## Hazards:

- Inhalation of the dust, absorption through the skin or swallowing the material can lead to severe illness
- Irritating to skin, eyes, nose and lungs
- Combustion products and decomposition products upon heating include toxic hydrogen chloride and nitrogen oxides

## Awareness and Operational Level Training

### Response:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Stay upwind and uphill
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterway, notify downstream users of potentially contaminated water

## Description:

- White to yellow powder or crystals
- Slight ammonia-like odor
- Soluble in water
- Flammable
- Usually shipped in a water solution

## Operational Level Training Response:

### RELEASE, NO FIRE:

- Cover material to protect from wind, rain or spray
- Stop the release if it can be done safely from a distance
- Prevent material or 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:

- 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: a cholinergic receptor agonist; if symptoms indicate, atropine is the initial antidote

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