



# CHLORPYRIFOS

UN 2783

Shipping Name: Organophosphorous pesticides, solid, toxic

Other Names: Dursban  
Lorsban



## Hazards:

- Ingestion, skin absorption or inhalation of the dust can cause illness
- Container may explode when exposed to fire
- Combustion products include toxic hydrogen chloride and sulfur oxides

## 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
- 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:

- White solid
- Often shipped as a liquid in water or petroleum products
- Mild sulfur-like odor
- Insoluble in water
- Very flammable
- Melts at 108° F
- An organophosphate insecticide

## Operational Level Training Response:

### RELEASE, NO FIRE:

- Cover material to protect from wind, rain or spray
- Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release

### FIRE:

- Use water or foam to extinguish
- 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
- Note to physician: is an organophosphate insecticide; if symptoms indicate, the initial antidote is atropine

CAS: 2921-88-2