



2-CHLORO- ACETOPHENONE



UN 1697

Other Names: CAF CN
CAP Mace
Chloroacetaphenone Tear gas

Hazards:

- Swallowing the material may be harmful
- Severely irritating to the eyes; also irritating to the skin, nose and lungs; prolonged contact can cause burns
- Container may explode when exposed to fire
- Vapors are heavier than air and will collect and stay in low areas
- Combustion products include toxic hydrogen chloride

Awareness and Operational Level Training

Response:

- Stay uphill and 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 material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

Description:

- Colorless to gray solid
- Flower-like smell at low concentrations; irritating smell at high concentrations
- Sinks in water and is insoluble in water
- Flammable
- Vapors are heavier than air and will collect and stay in low areas
- Used as a crowd control agent

Operational Level Training Response:

RELEASE, NO FIRE:

- Prevent 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:

- Use water 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
- Use unattended equipment whenever possible

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
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing

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