



TRICHLOROACETYL CHLORIDE

UN 2442

Shipping Name: Trichloroacetyl chloride

Other Names: Trichloroacetic acid chloride



WARNING! • DO NOT USE WATER! REACTS VIOLENTLY WITH WATER RELEASING TOXIC HYDROCHLORIC ACID!

Hazards:

- Severely irritating to skin, eyes, nose and lungs; skin and eye contact causes severe burns and blindness
- Vapors are heavier than air and will collect and stay in low areas
- Container may BLEVE when exposed to fire
- Combustion and decomposition products upon heating include toxic hydrogen chloride

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
- 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 yellow liquid
- Pungent, irritating smell
- Reacts violently with water to form toxic hydrochloric acid
- Flammable
- Vapors are heavier than air and will collect and stay in low areas

Operational Level Training Response:

RELEASE, NO FIRE:

- Stop the release if it can be done safely from a distance
- Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release
- Use large amounts of water well away from the material to disperse vapors - contain runoff
- Ventilate confined area if it can be done without placing personnel at risk
- If in a building, evacuate building and confine vapors by closing doors and shutting down HVAC systems

FIRE:

- Material does not easily burn; fight surrounding fire with an agent appropriate for the burning material; if possible do not allow water to come in contact with the material; if water is used, use in flooding quantities
- If material is not leaking, 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 (venting sound increases in volume and pitch, tank discolors or shows any 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
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 76-02-8