



TRICHLOROETHYLENE

UN 1710

Shipping Name: Trichloroethylene

Other Names: Acetylene trichloride
Ethylene trichloride
TCE

Trichlor
Trichloroethene
TRI



Hazards: <ul style="list-style-type: none">● Irritating to skin, eyes, nose and lungs; prolonged contact with skin will cause burns● Container may BLEVE when exposed to fire● Vapors are heavier than air and will collect and stay in low areas● Combustion products include toxic hydrogen chloride	Description: <ul style="list-style-type: none">● Colorless liquid● Sweet odor, similar to chloroform● Sinks in water and is insoluble in water● Flammable● Vapors are heavier than air and will collect and stay in low areas
Awareness and Operational Level Training Response: <ul style="list-style-type: none">● 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 BLEVE● 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	Operational Level Training Response: <p>RELEASE, NO FIRE:</p> <ul style="list-style-type: none">● 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 to disperse vapors or blanket spilled material - contain runoff● Consider the application of foam to large areas of spilled liquid to control vapors● Ventilate confined area if it can be done without placing personnel at risk <p>FIRE:</p> <ul style="list-style-type: none">● 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 (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), 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: 79-01-6