



AMMONIUM PERCHLORATE

UN 1442

UN 0402

Shipping Name: Ammonium perchlorate

Other Names: Ammonium perchlorate high explosive

Ammonium perchlorate oxidizer



- WARNING!**
- **HIGHLY EXPLOSIVE! HEAT, FRICTION OR SHOCK MAY CAUSE MATERIAL TO EXPLODE!**
 - **STRONG OXIDIZER! WILL INCREASE THE INTENSITY OF A FIRE; MAY CAUSE FIRE UPON CONTACT WITH COMBUSTIBLES!**

Hazards: <ul style="list-style-type: none">● Irritating to skin and eyes● Decomposition products upon heating include toxic nitrogen oxides and ammonia	Description: <ul style="list-style-type: none">● White solid● Odorless● Sinks in water and dissolves slowly in water● Nonflammable but may cause combustibles to ignite
Awareness and Operational Level Training Response: <ul style="list-style-type: none">● Do not put yourself in danger by entering a contaminated area to rescue a victim● Stay upwind● Determine the extent of the problem● BACK OFF! - Isolate a wide area around the release or fire deny entry and call for expert help● For container exposed to fire evacuate a wide area in all directions because of the high 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	Operational Level Training Response: <p>RELEASE, NO FIRE:</p> <ul style="list-style-type: none">● Keep released material wet● Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release <p>FIRE:</p> <ul style="list-style-type: none">● Approach fire with extreme caution; consider letting fire burn● Material does not burn, fight surrounding fire with an agent appropriate for the material burning● 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

CAS: 7790-98-9