



SULFUR

UN 2448 (Molten)

UN 1350

Shipping Name: UN 2448 Sulfur, molten

UN 1350 Sulfur

Other Names: Brimstone



WARNING! • TANKS OF MOLTEN SULFUR MAY CONTAIN TOXIC AND FLAMMABLE HYDROGEN SULFIDE GAS UNDER PRESSURE!
• COMBUSTION PRODUCES LARGE QUANTITIES OF HIGHLY TOXIC SULFUR DIOXIDE GAS!

<p>Hazards:</p> <ul style="list-style-type: none"> ● Irritating to skin, eyes, nose and lungs; molten material will cause burns ● Fires may be difficult to extinguish ● Hot molten sulfur will form a solid crust as it cools, liquid below will remain hot for an extended time ● Flames of burning sulfur may be difficult to see in daylight ● Container may BLEVE or explode when exposed to fire 	<p>Description:</p> <ul style="list-style-type: none"> ● Yellow solid ● May have a faint rotten-egg odor ● Sinks in water and is insoluble in water ● Flammable ● May be shipped in molten form at temperatures between 280° F and 300° F
<p>Awareness and Operational Level Training Response:</p> <ul style="list-style-type: none"> ● Stay upwind and uphill ● Determine the extent of the problem ● Isolate a wide area around the release, deny entry and call for expert help ● For container exposed to fire evacuate the area in all directions because of the risk of BLEVE or explosion ● If material is on fire, 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 	<p>Operational Level Training Response:</p> <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 ● For a small release, a carbon dioxide extinguisher may be used to cool and solidify molten material ● Allow the molten material to cool and solidify ● Ventilate confined area if it can be done without placing personnel at risk <p>FIRE:</p> <ul style="list-style-type: none"> ● 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 (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
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 7704-34-9