



# PARATHION

UN 2783 (Mixture)

Other Names: Bladan  
DDP  
Diethyl p-nitrophenyl thiophosphate  
Fostox  
Thiophos



**WARNING!** • **POISON! BREATHING THE VAPOR, SKIN OR EYE CONTACT, OR SWALLOWING THE MATERIAL CAN KILL YOU!**

- Fire fighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel

<b>Hazards:</b> <ul style="list-style-type: none"><li>• Container may BLEVE or explode when exposed to fire</li><li>• Vapors are heavier than air and will collect and stay in low areas</li><li>• Combustion products include toxic sulfur and phosphorous oxides</li></ul>	<b>Description:</b> <ul style="list-style-type: none"><li>• A yellow liquid</li><li>• Faint garlic-like odor</li><li>• Sinks in water and is insoluble in water</li><li>• Flammable</li><li>• Vapors are heavier than air and will collect and stay in low areas</li><li>• Freezes at 43° F</li><li>• An organophosphate insecticide used as a war nerve gas</li></ul>
<b>Awareness and Operational Level Training Response:</b> <ul style="list-style-type: none"><li>• Do not put yourself in danger by entering a contaminated area to rescue a victim!</li><li>• Stay uphill and upwind</li><li>• Determine the extent of the problem</li><li>• Isolate the area of release or fire or release and deny entry</li><li>• For container exposed to fire evacuate the area in all directions because of the risk of BLEVE or explosion</li><li>• Evacuate or shelter in place the immediate area and downwind for a large release</li><li>• Notify local health and fire officials and pollution control agencies</li><li>• If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water</li></ul>	<b>Operational Level Training Response:</b> <p>RELEASE, NO FIRE:</p> <ul style="list-style-type: none"><li>• Stop the release if it can be done safely from a distance</li><li>• Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release</li><li>• Ventilate confined area if it can be done without placing personnel at risk</li></ul> <p>FIRE:</p> <ul style="list-style-type: none"><li>• Specially trained personnel operating from a safe distance can fight fires using foam or dry chemical if available in sufficient amounts or use fog streams to extinguish burning liquid. Keep exposures cool to protect against re-ignition. Do not direct straight streams into the liquid.</li><li>• Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely</li><li>• If cooling streams are ineffective (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location</li></ul>

### 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
- Note to physician: an organophosphate insecticide; if symptoms indicate, initial treatment includes atropine

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