



Organic Peroxide Producers  
Safety Division

## Liquid Organic Peroxide Spill Clean Up

This guidance is intended for spills of 55 gallons or less. Review safety data sheet with specific concerns related to the spilled material and for guidance regarding personal protective equipment.

Any organic peroxide spill should be attended to immediately to minimize the risks of chemical reactions which may result in fire or explosion, as well as the possible contamination of soil and/or water. Contact your organic peroxide supplier prior to acting if there are any questions regarding safety issues. "Spill kits" should be available in all areas in which organic peroxide products are stored and used. The spill kit should be comprised of non-sparking clean-up tools, plastic garbage bags, closeable plastic containers, hazardous material labels, and a source of water.

Liquid spills can normally be handled by spreading an inert absorbent material, such as sodium bicarbonate, or calcium carbonate directly on the spill, then wetting down the mixture with water. Please note materials such as sawdust, peat moss and kitty litter should not be used. The mixture of the spilled organic peroxide and the inert absorbent material should be swept up using non-sparking tools and placed in polyethylene bags for disposal. **NOTE:** A supply of suitable inert absorbent and/or polypropylene based absorbent pads/berms should be kept available for this purpose in areas where organic peroxides are used.

The sweepings in the polyethylene bag should be wetted down further, with water, and disposed of immediately by an approved disposal company. Please refer to the [OPPSD website](#) for liquid organic peroxide disposal guidelines.

If stored for any period of time, the recovered materials should be stored consistent with the product's Self Accelerating Decomposition Temperature (SADT) and storage requirements. Do not put recovered materials back in the warehouse to control for temperature; cool first prior returning to the warehouse. Appropriately label recovered materials as hazardous waste.

After all the material has been picked up, wash down the spill area with surfactant and water to remove any traces of organic peroxide. Allow for sufficient ventilation to aid in the removal of fumes that may be present.

This document is not intended to serve as legal advice, a substitute for in-depth training or specific handling or storage requirements, nor is it designed or intended to define or create legal rights or obligations. All persons involved in the responsible disposal of wastes and containers have an independent obligation to ascertain that their actions are in compliance with current federal, state and local laws and regulations and should consult with legal counsel concerning such matters. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

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