

Container Disposal

The following recommendations are provided as a guideline for disposal of empty plastic containers which had at one time held organic peroxides. Prior to disposal of any materials, consult Federal, State, and Local regulations in your area to ensure regulatory compliance. Empty organic peroxide containers should not be used for other purposes. Container recycling may be an alternative to disposal.

Empty the Container

The plastic container should be empty, either by being drained thoroughly into the manufacturing/processing equipment or following correct disposal of the liquid or solid organic peroxides contained within. Do NOT discharge any organic peroxide into any drainage or sewer system not designed to handle organic peroxides. Do NOT pour into full or partially used containers of organic peroxide. For guidance on how to dispose of containers holding solid or liquid organic peroxides, please review the separate guidances found on the [OPPSD website](#).

An empty container that had held organic peroxide is not considered hazardous waste. While triple rinsing is not required as long as the container is essentially empty, it is recommended. **Please note failure to rinse containers for temperature-controlled materials has resulted in fire.** Refer to 40CFR part 261.7 for federal requirements on emptying packages which contain hazardous materials. There are a few different methods available when rinsing empty containers so please contact your material supplier. The rinse solvent or rinse water (if soluble) is considered hazardous waste and should be handled as such and in a timely manner. Please consult your local disposal company. A list of disposal companies for organic peroxides can be found on the [OPPSD website](#).

Prepare the container for disposal

Slit or slash the empty container to prevent reuse and remove all labels.

Disposal

The empty container can then be disposed of as nonhazardous waste via routine methods, e.g., a dumpster. Grinding of empty containers may lead to ignition concerns if flammable vapors are present. Since residues of product may still be present on or in the containers, make certain the disposal area is not accessible to the public, especially children, and does not contain incompatible materials. Keep the area secure.

As in all cases where safety issues are involved, contact your organic peroxide supplier or PLASTICS for assistance or with questions.

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