

Safe Handling of Arkema Organic Peroxides

**Three fundamental precautions must
be taken when storing and handling peroxides.**

Di-Cup[®] Dicumyl Peroxide • Vul-Cup[®] Bis-Peroxide • Luperox[®] Organic Peroxides



1 Avoid
overheating



2 Avoid
contact with
incompatible
materials



3 Clean-up
spills
promptly

- Store peroxide containers in well-ventilated areas that are kept below the maximum recommended storage temperature for the product. Peroxide containers should be stored away from sources of heat/flame, incompatible materials, and/or flammable liquids.
- Do not overheat the peroxide during processing or handling. Process equipment should be properly designed to avoid overheating or contact with incompatible materials.
- Employees should minimize contact with peroxide materials. Personal protective equipment outlined in the product Material Safety Data Sheet should be worn. Ventilation or engineering controls to minimize exposure should be used. Eye wash fountains or safety showers should be easily accessible.
- In case of peroxide spills, remove possible ignition sources and prevent peroxide contact with incompatible materials. The peroxide should be placed in a clean container. Do not mix the peroxide with OilDry[®] absorbent or any acidic materials. Cleanup personnel should wear personal protective equipment outlined in the product Material Safety Data Sheet.
- Peroxide products are combustible and will burn if exposed to fire. In addition, the gases formed from decomposition of the peroxide are flammable and easily ignited. In the event of a fire, water spray, dry chemical, or carbon dioxide may be used as extinguishing agents. Water is recommended for extinguishing peroxide fires since it will provide better cooling, which will reduce the rate of peroxide decomposition.

Following these precautions will minimize the risk of causing an uncontrolled decomposition of the peroxide, which can result in fire and/or explosion hazards.

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products. Read and understand the Material Safety Data Sheets (MSDSs) before using these products.

**24-HOUR EMERGENCY
TELEPHONE NUMBER**

Chemtrec: (800) 424-9300