



Organic Peroxide Producers  
Safety Division

## Organic Peroxides Inventory Management

Appropriate inventory management and stock rotation can mitigate stock loss and promote optimum performance of organic peroxides. The reason to manage inventory is to help reduce losses from deterioration and obsolescence and to prevent downstream quality interruptions.

As with other time dependent goods, organic peroxides have a limited shelf life. These materials will decrease in potency/concentration with time. Just like perishables, one can either choose to use the freshest on hand and discard the rest or make sure all the older items are used before opening the newer ones. The use of organic peroxides is very similar in this regard.

One common customer complaint concerning the use of organic peroxides refers to the variability in performance. Many of these differences can be traced to the age of the organic peroxide.

To reduce the chances of quality issues, users of organic peroxides should consider implementing inventory management to use stock in the order of the date of manufacture. This can be as simple as stocking newer peroxides behind the older peroxides. For questions on the date of manufacture, please contact the supplier of organic peroxide.

With any stock/inventory management system there are risks that the production schedule may not coincide with customer requirements. Good internal communication can help balance customer demands and warehouse stock levels.

The order in which products are received is not necessarily the order in which they will expire. So, it is extremely important to always check the expiration dates on each product and to make sure the dates are visible while the products are in storage.

Whatever methodology (FEFO, FIFO, etc.) or measures taken to manage your inventory, it is always important to be mindful of the shelf life of organic peroxides.

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