

# Trigonox 62

Peróxido de metil-etil-cetona e acetil-acetona em uma mistura de solvente



Trigonox 23 is a peroxide mixture with MEKP and acetylacetone peroxide for curing unsaturated polyester resins in the presence of a cobalt accelerator at room and elevated temperatures.

**CAS number** 1338-23-4, 37187-22-7  
**EINECS/ELINCS No.** 215-661-2; 253-384-9

**TSCA status**  
listed on inventory

## Specifications

Appearance	Clear and colorless liquid
Total active oxygen	7.4 - 7.6 %

## Applications

Trigonox 62 is an organic peroxide mixture with methyl ethyl ketone peroxide and acetylacetone peroxide for the curing unsaturated polyester resins in the presence of a cobalt accelerator at room and elevated temperatures.

## Thermal stability

Organic peroxides are thermally unstable substances, which may undergo self-accelerating decomposition. The lowest temperature at which self-accelerating decomposition of a substance in the original packaging may occur is the Self-Accelerating Decomposition Temperature (SADT). The SADT is determined on the basis of the Heat Accumulation Storage Test.

SADT	55°C
Method	The Heat Accumulation Storage Test is a recognized test method for the determination of the SADT of organic peroxides (see Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria - United Nations, New York and Geneva).

## Storage

Due to the relatively unstable nature of organic peroxides a loss of quality can be detected over a period of time. To minimize the loss of quality, Nouryon recommends a maximum storage temperature (Ts max.) for each organic peroxide product.

Ts Max.	25°C
Note	When stored under the recommended storage conditions, Trigonox 62 will remain within the Nouryon specifications for a period of at least 6 months after delivery.

## Packaging and transport

The standard packaging is a 25 kg drum. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Trigonox 62 is classified as Organic peroxide type D; liquid, Division 5.2; UN 3105.

## Safety and handling

Keep containers tightly closed. Store and handle Trigonox 62 in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Never weigh out in the storage room. Avoid contact with reducing agents (e.g. amines), acids, alkalis and heavy metal compounds (e.g. accelerators, driers and metal soaps). Please refer to the Safety Data Sheet (SDS) for further information on the safe storage, use and handling of Trigonox 62. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at <https://polymerchemistry.nouryon.com>.

## Major decomposition products

Carbon dioxide, water, methyl ethyl ketone, acetylacetone, mixture of aliphatic acids

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