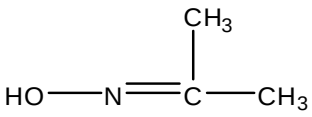
# SiSiB® PB2002

## *Dimethyl Ketoxime*

## Chemical Name

DMKO; Dimethylketoxime; Acetoxime; 2-Propanone oxime; Acetone Oxime.

## Chemical Structure




## Introduction

Oximes are compounds containing C=NOH group which are formed from carbonyl group CO by condensation reaction of hydroxylamine with aldehydes or ketones. SiSiB® PB2004 is a colorless clear liquid.

## Typical Physical Properties

| | |
|---|---|
| CAS No. | 127-06-0 |
| EINECS No. | 204-820-1 |
| Formula | $C_3H_7NO$ |
| Molecular Weight | 73.09 |
| Boiling Point | 135°C |
| Melting Point | 60-63°C |
| | |
| Appearance | White crystals |
| Density $_{25/25°C}$ | 0.911 |
| Refractive Index | 1.4156 |
| Min. Purity | 99.5% |
| Water Content | 0.05% max. |

## Applications

Oximes are reduced easily to amines, which are used in the manufacture of dyes, plastics, synthetic fibers, and pharmaceuticals.

SiSiB® PB2004 is a skin-preventing additive in paints and lacquers. It acts as an

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antioxidant against oxidative drying materials which forms sticky skin with air oxygen. Another effect of anti-skinning favors drying time delay which can be used in formulating paints.

SiSiB® PB2004 is also used as a chemical intermediate, like novel silane crosslinkers for sealants.

## Packing and Storage

SiSiB® PB2004 is supplied in 25Kg fiber drum.

In the unopened container SiSiB® PB2004 has a shelf life of one year.

## Notes

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: 800@PCC.asia.