

CHEMICAL INTERMEDIATES

MEKO Methyl Ethyl Ketoxime

Description

Methyl ethyl ketoxime (MEKO) is a high-efficiency anti-skinning agent used for air-drying paints, inks and coatings. It is also used to improve the shelf life of silicone adhesives and sealants, and the functionality of polyurethane coatings. MEKO is produced to meet the low moisture and high assay standards that formulators require.

Physical and Chemical Properties

Typical Properties	Specifications
CAS Number	96-29-7
Chemical Formula	CH ₃ C(NOH)C ₂ H ₅
Other/Generic Names	2-Butanone Oxime
Appearance	Clear, colorless liquid
Molecular Weight	87.12
Odor	Ether-like odor
Specific Gravity	0.92 g/ml (H ₂ O = 1.0)
Solubility in Water	Slightly soluble
Boiling Point	152°C (306°F) @ 1,013 hPa
Melting Point	-29.5°C (-21.1°F)
Vapor Pressure	2.66 hPa @ 20°C (68°F)
Density	0.92 g/cm ³ @ 20°C (68°F)
pH	7.0 – 8.5 @ 20°C (68°F)
Flash Point	63°C (145°F)

Product Specifications

Assay	Specifications	Test Method
CH ₃ CNOHC ₂ H ₅	99.0% min.	99.6%
Methyl Ethyl Ketone	0.50% max.	0.13%
Sec-Butyl Alcohol	0.50% max.	0.07%
Water	0.25% max.	0.1%
Color, APHA	8 max.	2

The values presented in this data sheet are typical values and are not to be interpreted as product specifications.

Contact AdvanSix

To learn more about

MEKO methyl ethyl ketoxime, visit

AdvanSix.com/chemicalintermediates

or call:

1-844-890-8949 (toll free, U.S./Can.)

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August 2019-4, Printed in U.S.A.
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