



ARIOXIME (ANTISKINNING AGENT)

Methyl Ethyl Ketoxime

ARIOXIME ۞ Methyl Ethyl Ketoxime (MEKO) ۞ is clear liquid, which is used in a variety of application. It is used for its properties as an oxidant, metal complexing agent, and versatile blocking group and it prevents skinning in alkyd-based systems.

PHYSICAL PROPERTIES		SPECIFICATION	
Molecular weight	87	$\text{CH}_3\text{CNOHC}_2\text{H}_5$	Assay 99.0% Min.
Chemical Name	2-Butanone Oxime	Methyl Ethyl Ketone	0.50% Max
Specific Gravity	0.92 g/mi	Sec-Butyl Alcohol	0.50% Max
Boiling Point	152°C	Water	0.25% Max
Melting Point	29.5°C	Color, APHA	8 Max
pH	7.0 – 8.5	Appearance	Clear liquid
Solubility in water	Moderate (10%)		
Vapor Pressure	About 2mm Hg @ 20°C		

CHEMICAL PROPERTIES:

Thermal Decomposition: Do not expose to high temperatures. Thermal decomposition produces methyl ethyl ketones, substituted amides and possibly other material. Combustion is expected to produce at least carbon monoxide, carbon dioxide, and oxides of nitrogen. Not compatible with strong acid, oxidant and alkalies.

PRODUCT SAFETY INFORMATION:

All personnel handling and/or using MEKO must be familiar with appropriate safety and handling precaution. Before handling always read and follow the safety precaution in Material Safety Data Sheet.

MEKO is harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes and clothing. Do not breath vapors. Exposure to liquid and vapors can be irritating to the skin and respiratory track. Eye irritation can be severe and can result it burns.

In case of contact, immediately flush the affected area with large quantities of water for at least 15 minutes. Removed contaminated clothing and launder thoroughly before use. Get medical attention for irritation and other symptoms.

MEKO is flammable liquid. When handling MEKO keep away from heat and open flame. Do not expose to acid and oxidizers. Wear recommended personal protective equipment including impervious clothing and gloves constructed of butyl rubber, neoprene or nitrile when handling liquids.

PACKAGING:

MEKO is available in 25Kgs. H.D.P.E. carboys or 190 Kgs MS Drums

STORAGE:

MEKO store in cool, dry well ventilated area suitable for flammable liquid. Keep away from strong acid and oxidizers. Protect containers from physical damage. Keep upright and tightly closed. Do not reuse drums.

All statement, information and data given herein believed to be accurate and reliable but are presented without guaranty, warranty or responsibility of any kind, expressed or implied. The user should not assume that the safety measures are indicated or that other measures mayo not be required.