

Methyl Ethyl Ketoxime (MEKO)

Product Identification:

Name: 2-Butanone Oxime; MEKO; Methyl Ethyl Ketoxime;

Methyl Ethyl Ketone Oxime; Diacetylmonoxime

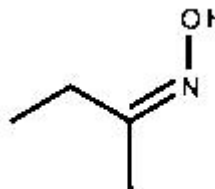
CAS No.: 96-29-7

Molecular Formula: C₄H₉NO

Molecular Weight: 87.12

EINECS No.: 202-496-6

Structural Formula:



Physi-chemical Properties

NO	ITEMS OF ANALYSIS	INDEX
1	MELTING POINT(°C)	-29
2	BOILING POINT(°C)	152-153
3	FLASHING POINT(°C)	69
4	REFRACTIVE INDEX (20°C)	1.4410
5	VISCOSITY(25°C, MPA•S)	4.4

Specification:

NO	ITEMS OF ANALYSIS	INDEX
1	APPEARANCE	TRANSPARENT COLORLESS OILY LIQUID
2	PURITY(%)	99.5 MIN
3	MOISTURE (%)	0.03 MAX
4	DENSITY (G/ML, 25°C)	0.917-0.927
5	ACID VALUE (MG, KOH/G)	0.05 MAX
6	COLOR (APHA)	5 MAX

Packing:

1. 190KG/Galvanized Iron Drum	2. 900KG/IBC Drum
3. 25KG Plastic Drum	4. ISO TANK: 22MT
5. As required by the customer	



Storage and Transportation:

This product is flammable, so it should be stored in a shady and cool place, without direct sunlight. When the product is not used up, the container should be sealed tightly after each use. This product expires in one year. Transportation of it is in accordance with that of ordinary chemicals.

Application:

1. This product is a kind of oil-based coating antioxidant, used for anti-skinning treatment during the storage and transportation of a variety of oil-based paint, alkyd paint, epoxy ester paint and etc. Mainly used as an anti-skinning agent and viscosity stabilizer for alkyd resin coating. As an anti-skinning agent, this product is recommended to be added in the amount of 0.1-0.3% after a test to determine the best usage and dosage.
2. This product of high purity can be used in the synthesis of silicone cross-linking agent, silicon curing agent and isocyanate sealant
3. This product can be used in offset printing ink and other industries, and used as corrosion inhibitor in industrial boiler or water treatment system.
4. It can also be used as wood preservative and pharmaceutical intermediate for alum and magnesium removal and etc.
5. It can be used to produce high purity hydroxylamine sulfate, hydroxylamine hydrochloride and etc.