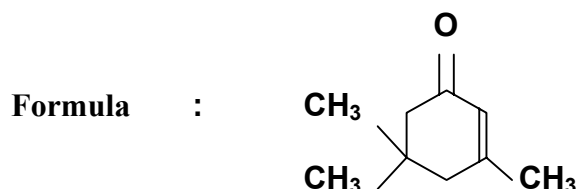


IPHO

ISOPHORONE



Synonym : 3,5,5-Trimethyl-2-Cyclohexene-1-One

CAS N° : 78-59-1

Molecular mass : 138.21

EINECS N° : 2011260

1 – COMMERCIAL SPECIFICATIONS

Characteristics	Units	Values	Analysis methods	
			Norm	ARKEMA Method
Appearance		Limpid liquid free of suspended matters		LCR 1116
Water	% weight	max. 0,10	ISO 760	LCR 1007
Purity	% weight	mini. 99	CPG	LCR 2198
Acidity	% weight expressed as acetic acid	max. 0,01	ISO 2887	LCR 1003
Colour	Hazen	max. 50 at plant departure date*	ISO 2211	LCR 1002
Density (20/4°C)		0,919-0,922	ISO 758	LCR 1062

* The color of isophorone may vary under certain storage conditions. This value cannot be guaranteed after the plant departure date.

2 – CHARACTERISTICS / TECHNICAL INFORMATION

Characteristics	Units	Typical Values
Refractive index $n^{20/D}$		1.4781
Boiling point (1013mbar)	°C	215.2
Viscosity at 20°C	mPa.s	2.6
Flash point (closed up)	°C	85
Vapour pressure at 20°C	Pa	41

3 – PACKAGING

- 25 t roadtankers and railtankers.
- 225 l drums at net 195 kg and gross 212 kg.
- 217 l DOT drums at net 185 kg and gross 206 kg.

4 – MAIN USES

- Paint and varnishes, inks, agrochemicals, organic synthesis : isophorone diamine and diisocyanate, 3,5-xyleneol...
- Non exhaustive list, further information available from our application departments.

5 – SAFETY PRECAUTIONS

See Safety Data Sheet n° 00166.

Ref DTF	Edition n° 3	Date 08/01
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IPHO en anglais

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