
Technical Information

Kollisolv[®] PYR

2-Pyrrolidone

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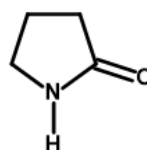
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Introduction

Kollisolv® PYR is a colorless or slightly yellow liquid which solidifies at room temperature and has a characteristic odor. Darkening of the color of the product occurs over time, especially when stored at temperatures higher than 25 °C. Kollisolv® PYR is soluble in water and a number of organic solvents, e.g. ethanol, isopropyl alcohol and aromatic hydrocarbons.

Chemical and physical properties:

Chemical name	2- Pyrrolidone
Chemical formula	C ₄ H ₇ NO
Molecular weight	85.1 g/mol
CAS number	616-45-5



Melting point	25.5 °C
Boiling Point	250 °C (1.1013 hPa)
Flash Point	138 °C (DIN 51758, closed cup)
Density	1.103 g/cm ³ (30 °C)

Handling instructions

Kollisolv® PYR needs to be homogenized prior use. Therefore, the product needs to be melted down by careful heating followed by gentle mixing. Appropriate tests showed after seven days at 50 °C no change in the analytical properties of the product.

Stability and Safety

The product is typically stable for 24 months after date of production provided storage under recommended conditions. The actual retest period and storage conditions can be found in the document "Quality & Regulatory Product Summary" in [RegXcellence](#). Kollisolv® PYR is categorized as reproduction toxic (class 1B). Please make sure to consult the safety data sheet prior to handling. The actual version of the safety data sheet is accessible via [MyProductWorld](#) and is sent with every consignment.

Available Articles and Packaging:

Product name	PRD number*	Article number	Article	Packaging
Kollisolv® PYR	30555079	50259812	0.5 kg sample	Glass bottle
		50254756	200 kg commercial article	Composite packaging

*BASF's commercial product number

Documents, Quality & Regulatory

Information:

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