
Technical Information

Kollisolv[®] PYR

2-Pyrrolidone

January 2024 | Supersedes issue dated October 2022 | Last change MarComm 2022-00316

03_111138e-04/Page 1 of 3

® = Registered trademark of BASF in many countries.

 **BASF**

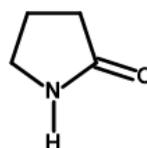
We create chemistry

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:

Virtual Pharma Assistants



Meet your Virtual Pharma Assistants!
MyProductWorld, RegXcellence® and
ZoomLab™

www.virtualpharmaassistants.com

[MyProductWorld](#): article numbers, sample order, safety data sheet, sustainability information

[RegXcellence](#): specification, compliance documents, regulatory product summary

[ZoomLab](#) formulation assistance to predict starting formulations and expedite drug formulations.

Disclaimer

This document and any information provided herein does not constitute a legally binding obligation of BASF and has been prepared in good faith and is believed to be accurate as of the date of issuance. Unless expressly agreed otherwise in writing in a supply contract or other written agreement between you and BASF:

- a) To the fullest extent not prohibited by the applicable laws, BASF EXPRESSLY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, BY FACT OR LAW, INCLUDING ANY IMPLIED WARRANTIES, REPRESENTATIONS OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, NON-INFRINGEMENT, AND ANY REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES, ARISING FROM STATUTE, COURSE OF DEALING OR USAGE OF TRADE AND BASF HEREBY EXPRESSLY EXCLUDES AND DISCLAIMS ANY LIABILITY RESULTING FROM OR IN CONNECTION WITH THIS DOCUMENT OR ANY INFORMATION PROVIDED HEREIN, including, without limitation, any liability for any direct, consequential, special, or punitive damages relating to or arising therefrom, except in cases of (i) death or personal injury, (ii) BASF's or its agents and assistants willful misconduct, fraud or fraudulent misrepresentation or (iii) any matter in respect of which it would be unlawful for BASF to exclude or restrict liability under the applicable laws;
- b) Any information provided herein can be changed at BASF's sole discretion anytime and neither this document nor the information provided herein may be relied upon to satisfy any obligations you may have to undertake your own inspections and evaluation;
- c) BASF rejects any obligation to, and will not, automatically update this document and any information provided herein, unless required by applicable law; and
- d) You are responsible for confirming that you have retrieved the most current version of this document from BASF.

January 2024