

Technical Data Sheet

1-Methylimidazole

Revision Date: 11/03/2018

Date Issued: 2/8/2022

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

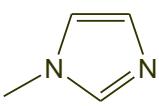
Product name	1-Methylimidazole
Product code	KI-0017
CAS	616-47-7
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany +49 (0)7131-89839-0
Telephone	+49 (0)7131-89839-109
Fax	+49 (0)179-5322578
Email	info@iolitec.de



Distributor

1816 Parkway View Drive,
Pittsburgh, PA 15205
✉ Info@roco.global
724-315-9170
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Methylimidazole
CAS No.	616-47-7
Empirical Formula	C ₄ H ₆ N ₂
Structure	 A chemical structure diagram of 1-methylimidazole, showing a five-membered imidazole ring with a methyl group (CH ₃) attached to the nitrogen atom at position 1.
Molecular weight	82.10 g/mol
Purity	>98%

3 PROPERTIES

Technical Data Sheet

1-Methylimidazole

Revision Date: 11/03/2018

Date Issued: 2/8/2022

Color	colorless to yellow
Physical state (25 °C)	liquid
Melting point	-2°C
Boiling point	198°C
Flash point	92°C
Decomposition temperature	225°C
Density (20 °C)	1.03 g/cm ³
Viscosity (20 °C)	1.89 mPa * s
Heat capacity (25 °C)	n/a

4 SOLUBILITY/MISCIBILITY

Water	miscible
Acetone	n/a
Acetonitrile	miscible
Isopropanol	miscible
Toluene	miscible
Hexane	n/a

5 ORDER INFORMATION

KI-0017-HP can be obtained in the following standard quantities:

Quantity	Price
250 g	Please enquire
500 g	Please enquire
1 kg	Please enquire
2.5 kg	Please enquire
5 kg	Please enquire
10 kg	Please enquire

Technical Data Sheet

1-Methylimidazole

Revision Date: 11/03/2018

Date Issued: 2/8/2022

Please send your order via email to order@iolitec.de or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

DISCLAIMER

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPOSED TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. IOLITEC SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR ANY PROCESS. IT IS THE USERE'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

IN NO WAY SHALL IOLITEC BE LIABLE FOR ANY CLAIMS, LOSSES OR DAMAGES OF ANY THIRD PARTY OR FOR THE LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.