

Technical Data Sheet

1-Methyl-3-pentylimidazolium bromide

Revision Date: 6/26/2018

Date Issued: 2/8/2022

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

Product name 1-Methyl-3-pentylimidazolium
bromide

Product code IL-0297

CAS 343851-31-0

Supplier IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
D – 74076 Heilbronn
Germany

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ROCO

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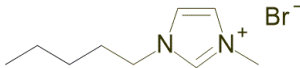
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Methyl-3-pentylimidazolium
bromide

CAS No. 343851-31-0

Empirical Formula C₉H₁₇BrN₂

Structure 

Molecular weight 233.15 g/mol

Purity >99%

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3 PROPERTIES

| | |
|---|------------------|
| Color | Yellow to orange |
| Physical state (25 °C) | liquid |
| Melting point | <RT |
| Glass transition temperature | not available |
| Decomposition temperature | not available |
| Density | not available |
| Viscosity | not available |
| Heat capacity | not available |
| Conductivity | not available |
| Electrochemical stability window | not available |
| Anodic limit | not available |
| Cathodic limit | not available |

4 CO-SOLVENT MISCIBILITY

| | |
|---------------------|---------------|
| Water | not available |
| Acetone | not available |
| Acetonitrile | not available |
| Isopropanol | not available |
| Toluene | not available |
| Hexane | not available |

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5 ORDER INFORMATION

IL-0297-HP can be obtained in the following standard quantities:

| Quantity | Price |
|----------|----------------|
| 25 g | Please enquire |
| 50 g | Please enquire |
| 100 g | Please enquire |
| 250 g | Please enquire |
| 500 g | Please enquire |
| 1 kg | Please enquire |
| Bulk | Please enquire |

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

6 OTHER INFORMATION

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