

Technical Data Sheet

1-Butyl-2,3-dimethylimidazolium bromide

Revision Date: 1/19/2012

Date Issued: 2/7/2022

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

Product name 1-Butyl-2,3-dimethylimidazolium
bromide

Product code IL-0055

CAS 475575-45-2

Supplier IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
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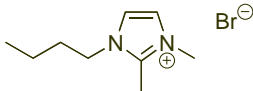
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Butyl-2,3-dimethylimidazolium
bromide

CAS No. 475575-45-2

Empirical Formula C₉H₁₇BrN₂

Structure 

Molecular weight 233.15 g/mol

Purity >99%

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3 PROPERTIES

| | |
|---|--------------------------|
| Color | Colorless to yellowish |
| Physical state (25 °C) | solid |
| Melting point | 102-106 °C |
| Glass transition temperature | not available |
| Decomposition temperature | not available |
| Density (19 °C) | 1,3149 g/cm ³ |
| Viscosity (25 °C) | not available |
| Heat capacity (25 °C) | not available |
| Conductivity (20 °C) | not available |
| Electrochemical stability window | not available |
| Anodic limit | not available |
| Cathodic limit | not available |

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0055-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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