

Technical Data Sheet

1-Benzyl-3-methylimidazolium dicyanamide

Revision Date: 6/26/2018
Date Issued: 11/22/2022

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

| | |
|----------------------------|---|
| Product name | 1-Benzyl-3-methylimidazolium dicyanamide |
| Product code | IL-0242 |
| CAS | 958445-60-8 |
| Supplier | IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany |
| Telephone | +49 (0)7131-89839-0 |
| Fax | +49 (0)7131-89839-109 |
| Emergency telephone | +49 (0)179-5322578 |
| Email | info@iolitec.de |

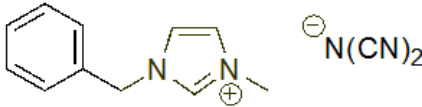
ROCO

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-Benzyl-3-methylimidazolium dicyanamide |
| CAS No. | 958445-60-8 |
| Empirical Formula | C ₁₃ H ₁₃ N ₅ |
| Structure |  |
| Molecular weight | 239.28 g/mol |
| Purity | >98% |

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3 PROPERTIES

| | |
|---|------------------------|
| Color | Yellow to orange |
| Physical state (25 °C) | liquid |
| Melting point | -21°C |
| Glass transition temperature | not available |
| Decomposition temperature | not available |
| Density (24 °C) | 1.16 g/cm ³ |
| Viscosity (25 °C) | 78.5 mPa * s |
| Heat capacity | not available |
| Conductivity (30 °C) | 2.95 mS/cm |
| 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-0242-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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