

Technical Data Sheet

Betaine bis(trifluoromethylsulfonyl)imide

Revision Date: 6/26/2020

Date Issued: 2/8/2022

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

Product name	Betaine bis(trifluoromethylsulfonyl)imide
Product code	IL-0347
CAS	n/a
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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Betaine bis(trifluoromethylsulfonyl)imide
CAS No.	n/a
Empirical Formula	C ₇ H ₁₂ F ₆ N ₂ O ₆ S ₂
Structure	 <chem>CCN(C)CC(=O)O</chem> (CF ₃ SO ₂) ₂ N ⁺
Molecular weight	398.31 g/mol
Purity	99%

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3 PROPERTIES

Color	Colorless to yellow
Physical state (25 °C)	solid (melt)
Melting point	66°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	1.606 g/cm ³
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 miscible
Acetone	miscible
Acetonitrile	miscible
Isopropanol	not miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0347-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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