

Technical Data Sheet

1-Hexadecyl-3-methylimidazolium chloride

Revision Date: 6/26/2018

Date Issued: 2/7/2022

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

Product name 1-Hexadecyl-3-methylimidazolium chloride

Product code IL-0115

CAS 61546-01-8

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

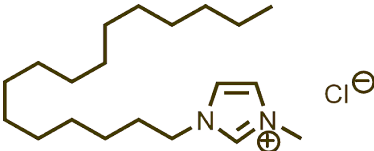
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Hexadecyl-3-methylimidazolium chloride

CAS No. 61546-01-8

Empirical Formula C₂₀H₃₉ClN₂

Structure 

Molecular weight 343.00 g/mol

Purity >98%

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3 PROPERTIES

Color	Yellow
Physical state (25 °C)	solid
Melting point	210 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density	1,1927 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	miscible
Acetone	not miscible
Acetonitrile	not miscible
Isopropanol	miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0115-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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