

Technical Data Sheet

Choline dihydrogenphosphate

Revision Date: 1/19/2012

Date Issued: 2/7/2022

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

Product name	Choline dihydrogenphosphate
Product code	IL-0042
CAS	83846-92-8
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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Choline dihydrogenphosphate
CAS No.	83846-92-8
Empirical Formula	C ₅ H ₁₆ NPO ₅
Structure	The structure shows a choline cation (HO-CH2-CH2-N+(CH3)3) and a dihydrogenphosphate anion (H2PO4-).
Molecular weight	201.16 g/mol
Purity	>98%

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3 PROPERTIES

Color	white to yellow
Physical state (25 °C)	solid
Melting point	190 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1.5281 g/cm ³
Viscosity (20 °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	not miscible
Acetonitrile	not miscible
Isopropanol	not miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0042-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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