

Technical Data Sheet

Lithium bis(pentafluoroethylsulfonyl)imide

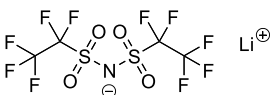
Revision Date: 5/12/2015

Date Issued: 2/8/2022

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

Product name	Lithium bis(pentafluoroethylsulfonyl)imide
Product code	KI-0016
CAS	132843-44-8
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	Lithium bis(pentafluoroethylsulfonyl)imide
CAS No.	132843-44-8
Empirical Formula	C ₄ F ₁₀ LiNO ₄ S ₂
Structure	
Molecular weight	387.1 g/mol
Purity	>99%

Technical Data Sheet

Lithium bis(pentafluoroethylsulfonyl)imide

Revision Date: 5/12/2015

Date Issued: 2/8/2022

3 PROPERTIES

Color	white
Physical state (25 °C)	solid
Melting point	328 °C
Boiling point	n/a
Flash point	n/a
Decomposition temperature	n/a
Density (20 °C)	n/a
Viscosity (20 °C)	n/a
Heat capacity (25 °C)	n/a

4 CO-SOLVENT MISCIBILITY

Water	miscible
Acetone	miscible
Acetonitrile	miscible
Isopropanol	n/a
Toluene	n/a
Hexane	not miscible

5 ORDER INFORMATION

KI-0016-HP can be obtained in the following standard quantities:

Quantity	Price
25 g	Please enquire
50 g	Please enquire
100 g	Please enquire

Technical Data Sheet

Lithium bis(pentafluoroethylsulfonyl)imide

Revision Date: 5/12/2015

Date Issued: 2/8/2022

250 g	Please enquire
500 g	Please enquire
1 kg	Please enquire

Please send your order via email to order@iolitec.de or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

DISCLAIMER

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPOSED TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. IOLITEC SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

IN NO WAY SHALL IOLITEC BE LIABLE FOR ANY CLAIMS, LOSSES OR DAMAGES OF ANY THIRD PARTY OR FOR THE LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.