

Technical Data Sheet

Tributylmethylammonium bis(fluorosulfonyl)imide

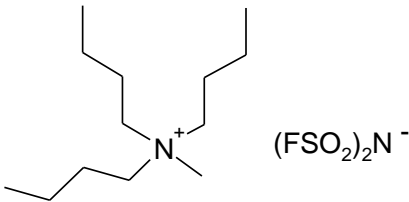
Revision Date: 9/28/2023

Date Issued: 11/13/2023

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

| | |
|----------------------------|---|
| Product name | Tributylmethylammonium bis(fluorosulfonyl)imide |
| Product code | IL-0346 |
| 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 | Tributylmethylammonium bis(fluorosulfonyl)imide |
| CAS No. | n/a |
| Empirical Formula | C ₁₃ H ₃₀ F ₂ N ₃ O ₄ S ₂ |
| Structure |  |
| Molecular weight | 380.51 g/mol |
| Purity | >98% |

Technical Data Sheet

Tributylmethylammonium bis(fluorosulfonyl)imide

Revision Date: 9/28/2023

Date Issued: 11/13/2023

3 PROPERTIES

| | |
|---|---------------------|
| Color | Colorless to yellow |
| Physical state (25 °C) | liquid |
| Melting point | 19°C |
| Glass transition temperature | not available |
| Decomposition temperature | not available |
| Density | 1.3153 g/mL |
| Viscosity | 45.5 cP |
| Heat capacity | not available |
| Conductivity | 4.325 mS/cm |
| Electrochemical stability window | 5,7 V |
| Anodic limit | -3,5 V |
| Cathodic limit | 2,2 V |

4 CO-SOLVENT MISCIBILITY

| | |
|---------------------|--------------|
| Water | not miscible |
| Acetone | miscible |
| Acetonitrile | miscible |
| Isopropanol | not miscible |
| Toluene | not miscible |
| Hexane | not miscible |

Technical Data Sheet

Tributylmethylammonium bis(fluorosulfonyl)imide

Revision Date: 9/28/2023

Date Issued: 11/13/2023

5 ORDER INFORMATION

IL-0346-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

DISCLAIMER

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT IS 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

Technical Data Sheet

Tributylmethylammonium bis(fluorosulfonyl)imide

Revision Date: 9/28/2023

Date Issued: 11/13/2023

ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.