

Technical Data Sheet

Sodium tricyanomethanide

Revision Date: 03/21/2019

Date Issued: 2/8/2022

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

Product name	Sodium tricyanomethanide
Product code	KI-0049-SG
CAS	36603-80-2
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	Sodium tricyanomethanide
CAS No.	36603-80-2
Empirical Formula	C ₄ N ₃ Na
Structure	$\text{Na}^{\oplus} \ominus \text{C}(\text{CN})_3$
Molecular weight	113.05 g/mol
Purity	>98%

Technical Data Sheet

Sodium tricyanomethanide

Revision Date: 03/21/2019

Date Issued: 2/8/2022

3 PROPERTIES

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

4 SOLUBILITY/MISCIBILITY

Water	soluble (hygroscopic)
Aceton	insoluble
Ethanol	insoluble
Etyl Acetate	insoluble

5 ORDER INFORMATION

KI-0049-SG 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
1000 g	Please enquire

Technical Data Sheet

Sodium tricyanomethanide

Revision Date: 03/21/2019

Date Issued: 2/8/2022

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.