

# 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

<b>Product name</b>	Sodium tricyanomethanide
<b>Product code</b>	KI-0049-SG
<b>CAS</b>	36603-80-2
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131-89839-0
<b>Fax</b>	+49 (0)7131-89839-109
<b>Emergency telephone</b>	+49 (0)179-5322578
<b>Email</b>	info@iolitec.de



### 2 COMPOSITION/INFORMATION ON INGREDIENTS

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

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### 3 PROPERTIES

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

### 4 SOLUBILITY/MISCIBILITY

<b>Water</b>	soluble (hygroscopic)
<b>Aceton</b>	insoluble
<b>Ethanol</b>	insoluble
<b>Etyl Acetate</b>	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

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

### 6 OTHER INFORMATION

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