

# Safety Data Sheet

## Sodium dicyanamide

Revision Date: 12/03/2015

Date Issued: 2/21/2018

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

<b>Product name</b>	Sodium dicyanamide
<b>Product code</b>	KI-0015
<b>CAS</b>	1934-75-4
<b>REACH No.</b>	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
<b>Identified uses</b>	Laboratory chemicals, Manufacture of substances
<b>Supplier</b>	IoLiTec  Ionic Liquids Technologies GmbH Salzstrasse 184 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)176-84850874
<b>Email</b>	msds@iolitec.de

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

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### Classification (67/548/EEC or 1999/45/EC)

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)



Signal word **Warning**

#### *Hazard statements*

##### **H-phrases**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

#### *Precautionary statements*

##### **P phrases**

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Labelling (67/548/EEC or 1999/45/EC)

Xn Harmful

##### **Risk phrases**

R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.

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### Safety phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 Wear suitable protective clothing.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Contents	Hazard Symbols	H/R Phrases
Sodium dicyanamide	>97%		Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H302, H315, H319, H335 Xn, R22 - R36/37/38

### 4 FIRST AID MEASURES

**General** Contaminated clothing should be removed and washed before being reused.

**Inhalation** Move the exposed person to fresh air at once. If respiratory problems, provide artificial respiration/oxygen.

**Ingestion** Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention immediately.

**Skin** Wash the skin immediately with soap and water.

**Eyes** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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### 5 FIRE FIGHTING MEASURES

**Extinguishing media**

Use: Water spray, fog or mist. Carbon dioxides (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc.

**Special fire fighting procedures**

Avoid water in straight hose stream, will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

**Unusual fire & explosion hazards**

Fire causes formation of toxic gases.

**Protective measures in fire**

Wear self-contained breathing apparatus as combustion may produce hazardous fumes.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions during spill**

Wear protective clothing and avoid inhalation of vapor, skin or eye contact.

**Precautions to protect environment**

Avoid washing into water courses. Avoid contaminating public drains or water supply.

**Spill cleanup methods**

Avoid contact with skin or inhalation of spillage, dust or vapor, Avoid dust formation. Collect and reclaim or dispose in sealed containers in license waste. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

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### 7 HANDLING AND STORAGE

<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Do not use in confined spaces without adequate ventilation and/or respirator.
<b>Storage precautions</b>	Store at moderate temperatures in dry, well ventilated area.
<b>Storage criteria</b>	Chemical storage.

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Protective equipment</b>	Safety goggles. Chemical resistant gloves. Protective clothing.
<b>Process control measures</b>	Provide eyewash station and safety shower. Use engineering controls to reduce air contamination to permissible exposure levels.
<b>Ventilation</b>	Provide adequate general and local exhaust ventilation.
<b>Respirators</b>	Use high efficiency particulate respirator with appropriate filter.
<b>Other protection</b>	Wear overalls and industrial shoes.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Solid.
<b>Color</b>	White to yellow.
<b>Odor/taste</b>	No characteristic odor.

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### 10 STABILITY AND REACTIVITY

<b>Stability</b>	No particular stability concerns.
<b>Conditions to avoid</b>	Avoid contact to strong oxidizers and bases.
<b>Hazardous</b>	
<b>Decomposition Products</b>	High temperatures generate: Corrosive gases/vapor/fumes of: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Nitrous gases (NO <sub>x</sub> ).

### 11 TOXICOLOGICAL INFORMATION

<b>Ingestion</b>	not available.
<b>Skin</b>	not available.
<b>Eyes</b>	not available

**Data on the toxicity of this product are not available. Hazardous properties cannot be excluded.**

### 12 ECOLOGICAL INFORMATION

<b>Environmental hazards</b>	Avoid washing into water courses. Avoid contaminating public drains or water supply.
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### 13 DISPOSAL CONSIDERATIONS

<b>Disposal method</b>	Contact specialist disposal companies. Dispose of in accordance with Local Authority requirements. Recover and reclaim or recycle, if practical.
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### 14 TRANSPORT INFORMATION

<b>General</b>	Not classified as dangerous for transport purposes.
<b>UN No.</b>	0
<b>Road transport notes</b>	Not classified as dangerous for road transport.
<b>Rail transport notes</b>	Not classified as dangerous for rail transport.
<b>Sea transport notes</b>	Not classified as dangerous for sea transport.
<b>Air transport notes</b>	Not classified as dangerous for air transport.

### 15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Classification according to annex 3; Reg.no. 4983 (German Regulation VwVwS) :  
Water hazard class 1(WGK1) - Low hazard to water. Do not allow to enter waters, waste water, or soil..

#### 15.2 Chemical Safety Assessment

no data available

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### 16 OTHER INFORMATION

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