

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

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

#### 1.1 Product identifier

**Product name** 1-Propylimidazole

**Product code** KI-0030

**CAS** 35203-44-2

**REACH No.** 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.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Laboratory chemicals, Manufacture of substances

#### 1.3 Details of the supplier of the safety data sheet

**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

**Email** msds@iolitec.de

**ROCO**

**Distributor**

1816 Parkway View Drive,  
Pittsburgh, PA 15205

✉ [Info@roco.global](mailto:Info@roco.global)

724-315-9170

[www.roco.global](http://www.roco.global)

#### 1.4 Emergency telephone number

**Emergency telephone** +49 (0)151-41255671

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2, H315

Serious eye damage/Eye irritation, Category 2, H319

Specific Target Organ Toxicity - Single exposure: Respiratory tract irritation, Category 3, H335

### 2.2 Label elements

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



#### Pictograms:

#### Signal word:

Warning

#### H-phrases

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

#### 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.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

1-Propylimidazole

**CAS:** 35203-44-2

| Ingredient name   | Contents | Classification                        |
|-------------------|----------|---------------------------------------|
| 1-Propylimidazole | >98%     | Skin corr. 2; Eye Irr. 2<br>STOT SE 3 |

### 4 FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### Inhalation

If breathed in, move person into fresh air. If not breathing give artificial respiration

Consult a physician.

##### Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Rinse mouth with water. Consult a physician.

##### Skin

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

##### Eyes

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

#### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### 5 FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

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

#### 5.2. Special hazards arising from the substance or mixture

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. Fire causes formation of toxic gases.

#### 5.3. Advice for firefighters

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

### 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

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

#### 6.2 Environmental precautions

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

#### 6.3 Methods and materials for containment and cleaning up

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.

#### 6.4 Reference to other sections

For disposal see section 13.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas.

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### 8.1 Control parameters

Ingredients with workplace control parameters

#### 8.2 Exposure controls

##### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|            |                      |
|------------|----------------------|
| Appearance | Liquid               |
| Color      | Colourless to yellow |
| Odor/taste | No data available    |

### 9.2 Other safety information

No data available

## 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No particular stability concerns.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Avoid contact to strong oxidizers. Avoid acid conditions

### 10.5 Incompatible materials

Strong oxidizing agents

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### 10.6 Hazardous decomposition products

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

### 11.1 Information on hazard classes

#### 11.1 Information on hazard classes

##### Acute toxicity

no data available

##### Skin corrosion/irritation

no data available

##### Serious eye damage/eye irritation

no data available

##### Respiratory or skin sensitization

no data available

##### Germ cell mutagenicity

no data available

##### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### Reproductive toxicity

no data available

##### Specific target organ toxicity - single exposure

Inhalation - May cause respiratory irritation.

##### Specific target organ toxicity - repeated exposure

no data available

##### Aspiration hazard

no data available

### 11.2 Information on other hazards

#### Potential health effects

**Inhalation** May be harmful if inhaled. Causes respiratory tract irritation.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes** Causes serious eye irritation.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Additional Information

RTECS: Not available

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No data available

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Contact specialist disposal companies. Dispose of in accordance with Local Authority requirements. Recover and reclaim or recycle, if practical.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### 14 TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: 3267

IMDG: 3267

IATA: 3267

#### 14.2 UN proper shipping name

ADR/RID: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1-Propylimidazole)

IMDG: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1-Propylimidazole)

IATA: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1-Propylimidazole))

#### 14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 8

#### 14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

#### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

#### 14.6 Special precautions for user

No data available

### 15 REGULATORY INFORMATION

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

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

#### 15.2 Chemical safety assessment

no data available

#### Country specific information

Germany

WGK: 1

(Self-Classification)

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 1-Propylimidazole

Revision Date: 8/13/2020

Date Issued: 8/31/2022

Version: 2

### 16 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.