

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Concrete marking ink P  
black  
**Revision date :** 12.12.2023  
**Print date :** 12.12.2023

**Version (Revision) :** 4.0.4 (4.0.3)

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

Concrete marking ink P  
black (15050650001040)  
Unique Formula Identifier (UFI): JEJ1-KR23-QYEX-ESCG

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

**Relevant identified uses**

Industrial marking ink

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

#### Supplier

Stefan Kupietz GmbH & Co. KG  
Chemische Fabrik

**Street :** August-Wilhelm-Kühnholz-Str. 9

**Postal code/City :** 26135 Oldenburg

**Telephone :** +49(0)441/20 69 50

**Telefax :** +49(0)441 /20 69 520

**Information contact :** E-Mail: info@kupietz.de

### 1.4 Emergency telephone number

Poison emergency centre +49-551-19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

None

### 2.2 Label elements

None

### 2.3 Other hazards

#### Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

1,2,4-TRIMETHYLBENZENE ; EC No. : 202-436-9; CAS No. : 95-63-6

Weight fraction : < 2,5 %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335 Aquatic Chronic 2 ; H411

#### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

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## 4.1 Description of first aid measures

### General information

Immediately remove all contaminated clothing.

### Following inhalation

Provide fresh air.

### In case of skin contact

Wash away with soap and water and rinse.

### After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician.

### Following ingestion

Drink plenty of water.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam , Carbon dioxide (CO2) , Extinguishing powder or Water spray jet .

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

None

### 5.3 Advice for firefighters

None

### 5.4 Additional information

Cool endangered containers with water in case of fire.

## SECTION 6: Accidental release measures

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

Keep away from ignition sources on account of the organic solvent content and air room well. Do not inhale vapours.

### 6.2 Environmental precautions

Take up with a liquid absorbing material and proceed according to the waste disposal regulations. Do not allow to enter into surface water or drains.

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

#### For cleaning up

Remove mechanically, take-up residues with absorbing material.

### 6.4 Reference to other sections

None

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed. Only use in locations with adequate suction ventilation.

#### Protective measures

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## Measures to prevent fire

Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking.

## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Do not leave vessels open, earth storage containers.

### Hints on joint storage

Store the foodstuffs separately. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

**Storage class (TRGS 510) :** 10

### Further information on storage conditions

Store containers tightly closed in a cool well ventilated place.

## 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

Use tightly fitting safety glasses.

##### Skin protection

###### Hand protection

Use protective butyl rubber gloves (0,5 mm). Permeation time of glove material: level  $\geq$  240 min (4h) EN374

##### Respiratory protection

###### Suitable respiratory protection apparatus

Respiratory protection necessary at: aerosol or mist formation. Half-face mask Filtering device (full mask or mouthpiece) with filter: A

#### General information

The usual precautionary measures for the handling of chemicals have to be observed.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** Liquid

**Colour :** black

**Odour :** characteristic

#### Safety characteristics

**Physical state :** Liquid

**Freezing point :** No data available

**Initial boiling point and boiling range :** ( 1013 hPa ) ~ 135 °C

**Decomposition temperature :** > 200 °C

**Flash point :** > 61 °C Brookfield

**Auto-ignition temperature :** No data available

**Lower explosion limit :** No data available

**Upper explosion limit :** No data available

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<b>Vapour pressure :</b>	( 50 °C )	<	1100	hPa
<b>Density :</b>	( 20 °C )	~	0,916	g/cm <sup>3</sup>
<b>Solvent separation test :</b>	( 20 °C )	<	3	%
<b>Water solubility :</b>	( 20 °C )		No data available	
<b>pH :</b>		~	4,2	
<b>log P O/W :</b>			No data available	
<b>Flow time :</b>	( 20 °C )	~	144	s      DIN-cup 4 mm
<b>Odour threshold :</b>			No data available	
<b>Relative vapour density :</b>	( 20 °C )		No data available	
<b>Vapourisation rate :</b>			No data available	
<b>Aerosols :</b>			No data available.	
<b>Oxidising liquids :</b>			No data available.	
<b>Explosive properties :</b>			No data available.	

## 9.2 Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

None, if handled according to order.

### 10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. In connection with inorganic and organic acids, acid chlorides violent reactions can take place and CO<sub>2</sub> released. Formation of hydrogen by acids, lyes, moisture possible.

### 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Acute inhalation toxicity

##### Practical experience/human evidence

Slight narcotic effect. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea.

### 11.2 Information on other hazards

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

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### 12.2 Persistence and degradability

In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected.

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

Very high mobility in soil with a negligible tendency to leave the sediment.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

### 12.8 Additional ecotoxicological information

Do not empty into waters or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose according to legislation.

#### Directive 2008/98/EC (Waste Framework Directive)

##### After intended use

##### Waste codes/waste designations according to EWC/AVV

- 080111

##### Additional information

Contaminated packaging should be residue-free emptying. They can then be recycled after appropriate cleaning (Waste code 080112 contains no organic solvents). Contaminated packaging should be disposed of like the product. (Waste code 150110)

## SECTION 14: Transport information

### 14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

### 14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

## SECTION 15: Regulatory information

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

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### **mixture**

#### **EU legislation**

##### **Authorisations and/or restrictions on use**

##### **Restrictions on use**

##### **Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)**

Use restriction according to REACH annex XVII, no. : 75

#### **National regulations**

##### **Technische Anleitung zur Reinhaltung der Luft (TA-Luft)**

Weight fraction (Number 5.2.5. I) : < 5 %

##### **Water hazard class**

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

### **15.2 Chemical Safety Assessment**

No information available.

## **SECTION 16: Other information**

### **16.1 Indication of changes**

02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 08. Occupational exposure limit values · 15. Restrictions on use · 15. Water hazard class

### **16.2 Abbreviations and acronyms**

None

### **16.3 Key literature references and sources for data**

None

### **16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

See SECTION 2.1 (classification).

### **16.5 Relevant H- and EUH-phrases (Number and full text)**

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

### **16.6 Training advice**

None

### **16.7 Additional information**

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.