

# Safety Data Sheet

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



**Trade name :** Stamping ink 1013  
red  
**Revision date :** 16.11.2020  
**Print date :** 17.11.2020

**Version (Revision) :** 14.1.1 (14.1.0)

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

### 1.1 Product identifier

Stamping ink 1013  
red (15010850002038)  
Unique Formula Identifier (UFI): 1E9G-UK5N-YXEX-RJV4

### 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 (manufacturer/importer/only representative/downstream user/distributor)**

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

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

**Special rules for supplemental label elements for certain mixtures**

EUH210 Safety data sheet available on request.

### 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Hazardous ingredients**

ETHANOL ; REACH Registration No. : 01-2119457610-43-xxxx ; EC No. : 200-578-6; CAS No. : 64-17-5

Weight fraction : < 5 %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319

**Additional information**

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**After eye contact**

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

### After 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

None

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

None

#### 5.3 Advice for firefighters

None

### SECTION 6: Accidental release measures

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

None

#### 6.2 Environmental precautions

None

#### 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

None

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

##### Hints on joint storage

Store the foodstuffs separately.

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

#### 7.3 Specific end use(s)

None

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational exposure limit values

GLYCEROL ; CAS No. : 56-81-5

Limit value type (country of origin) : TRGS 900 ( D )

Parameter : E: inhalable fraction

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Limit value : 200 mg/m<sup>3</sup>  
Peak limitation : 2(I)  
Remark : Y  
Version : 29.03.2019

ETHANOL ; CAS No. : 64-17-5

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 200 ppm / 380 mg/m<sup>3</sup>  
Peak limitation : 4(II)  
Remark : Y  
Version : 29.03.2019

## 8.2 Exposure controls

### Appropriate engineering controls

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 :** red  
**Odour :** characteristic

#### Safety characteristics

<b>Physical state :</b>		Liquid	
<b>Freezing point :</b>		No data available	
<b>Initial boiling point and boiling range :</b>	( 1013 hPa ) ~	100 °C	
<b>Decomposition temperature :</b>	>	200 °C	
<b>Flash point :</b>	>	61 °C	Brookfield
<b>Auto-ignition temperature :</b>		No data available	
<b>Lower explosion limit :</b>		No data available	
<b>Upper explosion limit :</b>		No data available	
<b>Vapour pressure :</b>	( 50 °C ) <	1100 hPa	
<b>Density :</b>	( 20 °C ) ~	1,143 g/cm <sup>3</sup>	
<b>Solvent separation test :</b>	( 20 °C ) <	3 %	
<b>pH :</b>	~	7	
<b>log P O/W :</b>		No data available	
<b>Flow time :</b>	( 20 °C ) ~	14 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>Flammable 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

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## 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

No information available.

## 10.5 Incompatible materials

No information available.

## 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Acute oral toxicity

Parameter : LD50 ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 7600 mg/kg  
Parameter : LD50 ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : Oral  
Species : Rabbit  
Effective dose : 6300 mg/kg

##### Acute dermal toxicity

Parameter : LD50 ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 20000 mg/kg

##### Acute inhalation toxicity

Parameter : LC50 ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 124,7 mg/l  
Exposure time : 4 h

#### Corrosion

##### Skin corrosion/irritation

Parameter : Skin corrosion/irritation ( ETHANOL ; CAS No. : 64-17-5 )  
Result : Not an irritant

##### Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation ( ETHANOL ; CAS No. : 64-17-5 )  
Result : Strongly irritant

#### Respiratory or skin sensitisation

##### Skin sensitisation

Parameter : Skin sensitisation ( ETHANOL ; CAS No. : 64-17-5 )  
Result : Not sensitising.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Carcinogenicity

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Parameter : Carcinogenicity ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : Carcinogenicity  
Result : Negative.

### Germ cell mutagenicity

#### In vitro mutagenicity

Parameter : In vitro mutagenicity ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : In vitro mutagenicity  
Result : Negative.

### Reproductive toxicity

#### Adverse effects on developmental toxicity

Parameter : One generation reproduction toxicity test ( ETHANOL ; CAS No. : 64-17-5 )  
Exposure route : One generation reproduction toxicity test  
Result : Negative.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

##### Acute (short-term) fish toxicity

Parameter : LC50 ( ETHANOL ; CAS No. : 64-17-5 )  
Species : Acute (short-term) fish toxicity  
Effective dose : 11000 mg/l  
Exposure time : 96 h

##### Acute (short-term) toxicity to crustacea

Parameter : EC50 ( ETHANOL ; CAS No. : 64-17-5 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 9950 mg/l  
Exposure time : 48 h

Parameter : LC50 ( ETHANOL ; CAS No. : 64-17-5 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 9280 mg/l  
Exposure time : 48 h

##### Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter : EC50 ( ETHANOL ; CAS No. : 64-17-5 )  
Species : Chlorella vulgaris  
Effective dose : 275 mg/l  
Exposure time : 3 h  
Evaluation : Harmless to algae up to the concentration tested.  
Method : OECD 201

##### Chronic (long-term) algae toxicity

Parameter : EC10 ( ETHANOL ; CAS No. : 64-17-5 )  
Species : Chlorella vulgaris  
Effective dose : 11,5 mg/l  
Exposure time : 3 h  
Evaluation : Chronic (long-term) algae toxicity  
Method : OECD 201

##### Toxicity to microorganisms

Parameter : EC50 ( ETHANOL ; CAS No. : 64-17-5 )  
Species : Bacteria toxicity  
Effective dose : 5800 mg/l  
Exposure time : 4 h

### 12.2 Persistence and degradability

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

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### Biodegradation

Parameter : Biodegradation ( ETHANOL ; CAS No. : 64-17-5 )  
Inoculum : Degree of elimination  
Degradation rate : 84 %  
Test duration : 20 h  
Evaluation : Readily biodegradable (according to OECD criteria).

### 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 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

No information available.

## SECTION 14: Transport information

### 14.1 UN 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

## SECTION 15: Regulatory information

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

#### EU legislation

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

##### Restrictions on use

Use restriction according to REACH annex XVII, no. : 40

#### National regulations

##### Water hazard class (WGK)

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

### 15.2 Chemical safety assessment

No information available.

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### SECTION 16: Other information

#### 16.1 Indication of changes

02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Hazardous ingredients · 08. Occupational exposure limit values · 15. Restrictions on use · 15. Water hazard class (WGK)

#### 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)

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

#### 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.