

# Safety Data Sheet

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



**Trade name :** Stamping ink 8080 P  
orange  
**Revision date :** 17.09.2020  
**Print date :** 17.09.2020

**Version (Revision) :** 5.0.3 (5.0.2)

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

### 1.1 Product identifier

Stamping ink 8080 P  
orange (15035150006040)  
Unique Formula Identifier (UFI): 7E96-Y9MN-UYEH-1UPT

### 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]**

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.  
STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

### 2.2 Label elements

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

**Hazard pictograms**



Flame (GHS02) · Exclamation mark (GHS07)

**Signal word**

Warning

**Hazard components for labelling**

1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2

**Hazard statements**

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

## 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

(2-METHOXYMETHYLETHOXY)PROPANOL ; REACH Registration No. : 01-2119450011-60-xxxx ; EC No. : 252-104-2; CAS No. : 34590-94-8

Weight fraction : < 55 %  
Classification 1272/2008 [CLP] : Substance with a Community workplace exposure limit

1-METHOXY-2-PROPANOL ; REACH Registration No. : 01-2119457435-35-xxxx ; EC No. : 203-539-1; CAS No. : 107-98-2

Weight fraction : < 30 %  
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

#### 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

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

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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) :** 3

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

(2-METHOXYMETHYLETHOXY)PROPANOL ; CAS No. : 34590-94-8

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

Limit value : 50 ppm / 310 mg/m<sup>3</sup>

Peak limitation : 1(I)

Version : 29.03.2019

Limit value type (country of origin) : TWA ( EC )

Limit value : 50 ppm / 308 mg/m<sup>3</sup>

Remark : Skin

Version : 20.06.2019

1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2

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

Limit value : 100 ppm / 370 mg/m<sup>3</sup>

Peak limitation : 2(I)

Remark : Y

Version : 29.03.2019

Limit value type (country of origin) : STEL ( EC )

Limit value : 150 ppm / 568 mg/m<sup>3</sup>

Remark : Skin

Version : 20.06.2019

Limit value type (country of origin) : TWA ( EC )

Limit value : 100 ppm / 375 mg/m<sup>3</sup>

Remark : Skin

Version : 20.06.2019

#### Biological limit values

1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2

Limit value type (country of origin) : TRGS 903 ( D )

Parameter : 1-methoxy-2-propanol / Urine (U) / End of exposure or end of shift

Limit value : 15 mg/l

Version : 29.03.2019

### 8.2 Exposure controls

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## 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 : orange  
Odour : characteristic

#### Safety characteristics

Physical state :		Liquid	
Freezing point :		No data available	
Initial boiling point and boiling range :	( 1013 hPa ) ~	131 °C	
Decomposition temperature :	>	200 °C	
Flash point :	~	47 °C	Brookfield
Auto-ignition temperature :		No data available	
Lower explosion limit :		No data available	
Upper explosion limit :		No data available	
Vapour pressure :	( 50 °C ) <	1100 hPa	
Density :	( 20 °C ) ~	1,018 g/cm <sup>3</sup>	
Solvent separation test :	( 20 °C ) <	3 %	
pH :	~	5,8	
log P O/W :		No data available	
Flow time :	( 20 °C ) ~	18 s	DIN-cup 4 mm
Odour threshold :		No data available	
Relative vapour density :	( 20 °C )	No data available	
Vapourisation rate :		No data available	
Oxidising liquids :	No data available.		
Explosive properties :	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

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

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No information available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Acute oral toxicity

Parameter : LD50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 5660 mg/kg

##### Acute dermal toxicity

Parameter : LD50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 9999,99 mg/kg

##### Acute inhalation toxicity

Parameter : LC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 27,596 mg/l  
Exposure time : 6 h

#### Corrosion

##### Skin corrosion/irritation

Parameter : Skin corrosion/irritation ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Species : Rabbit  
Result : Not an irritant

##### Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Species : Rabbit  
Result : Very minor single cell staining (0,5)

#### Respiratory or skin sensitisation

##### Skin sensitisation

Parameter : Skin sensitisation ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Species : Guinea pig  
Result : Not sensitising.

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

##### Carcinogenicity

Parameter : Carcinogenicity ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Carcinogenicity  
Result : Negative.

##### Germ cell mutagenicity

##### In vitro mutagenicity

Parameter : In vitro mutagenicity ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : In vitro mutagenicity  
Result : Negative.

##### Genotoxicity

Parameter : Genotoxicity ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Genotoxicity  
Result : Negative.

##### Reproductive toxicity

##### Adverse effects on developmental toxicity

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**Parameter :** One generation reproduction toxicity test ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**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 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Species :** Leuciscus idus (golden orfe)  
**Effective dose :** 6812 mg/l  
**Exposure time :** 96 h  
**Evaluation :** Harmless to fish up to the concentration tested.

**Parameter :** LC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Species :** Pimephales promelas (fathead minnow)  
**Effective dose :** 20800 mg/l  
**Exposure time :** 96 h  
**Evaluation :** Harmless to fish up to the concentration tested.

**Parameter :** LC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Species :** Oncorhynchus mykiss (Rainbow trout)  
**Effective dose :** => 1000 mg/l  
**Exposure time :** 96 h  
**Evaluation :** Harmless to fish up to the concentration tested.

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

**Parameter :** EC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Species :** Daphnia magna (Big water flea)  
**Effective dose :** 23300 mg/l  
**Exposure time :** 48 h  
**Evaluation :** Harmless to daphnia up to the tested concentration.

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

**Parameter :** ErC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Species :** Pseudokirchneriella subcapitata  
**Effective dose :** > 1000 mg/l  
**Exposure time :** 7 day(s)  
**Evaluation :** Harmless to algae up to the concentration tested.

##### Toxicity to microorganisms

**Parameter :** EC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Species :** Bacteria toxicity  
**Effective dose :** 1000 mg/l  
**Exposure time :** 3 h  
**Evaluation :** Bacteria toxicity

### 12.2 Persistence and degradability

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

#### Biodegradation

**Parameter :** Biodegradation ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
**Inoculum :** Degree of elimination  
**Degradation rate :** 96 %  
**Evaluation :** Readily biodegradable (according to OECD criteria).  
**Method :** OECD 301E

### 12.3 Bioaccumulative potential

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**Parameter :** Bioconcentration factor (BCF) ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Bioconcentration factor (BCF)  
**Value :** < 100  
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

UN 1263

### 14.2 UN proper shipping name

**Land transport (ADR/RID)**  
PAINT RELATED MATERIAL

**Sea transport (IMDG)**  
PAINT RELATED MATERIAL

**Air transport (ICAO-TI / IATA-DGR)**  
PAINT RELATED MATERIAL

### 14.3 Transport hazard class(es)

**Land transport (ADR/RID)**

**Class(es) :** 3  
**Classification code :** F1  
**Hazard identification number (Kemler No.) :** 30  
**Tunnel restriction code :** D/E  
**Special provisions :** LQ 5 | · E 1  
**Hazard label(s) :** 3

**Sea transport (IMDG)**

**Class(es) :** 3  
**EmS-No. :** F-E / S-E  
**Special provisions :** LQ 5 | · E 1  
**Hazard label(s) :** 3

**Air transport (ICAO-TI / IATA-DGR)**

**Class(es) :** 3  
**Special provisions :** E 1  
**Hazard label(s) :** 3

### 14.4 Packing group

III

### 14.5 Environmental hazards

**Land transport (ADR/RID) :** No

**Sea transport (IMDG) :** No

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**Air transport (ICAO-TI / IATA-DGR) :** No

### 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. : 3, 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.

## SECTION 16: Other information

### 16.1 Indication of changes

03. Hazardous ingredients

### 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.  
H336 May cause drowsiness or dizziness.

### 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.