

Safety Data Sheet

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



Trade name : Stamping ink without oil 4010
violet
Revision date : 30.11.2020
Print date : 30.11.2020

Version (Revision) : 19.0.0 (18.0.1)

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

1.1 Product identifier

Stamping ink without oil 4010
violet (15010650008038)
Unique Formula Identifier (UFI): 97S9-KKV3-8XE4-RUWG

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]

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

C.I. ACID VIOLET 17; C.I. 42650 ; EC No. : 223-942-6; CAS No. : 4129-84-4

Weight fraction : < 5 %

Classification 1272/2008 [CLP] : Aquatic Chronic 2 ; H411

Additional information

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

SECTION 4: First aid measures

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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

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

POLYETHYLENE GLYKOLS 200 - 400 ; CAS No. : 25322-68-3

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Limit value type (country of origin) : TRGS 900 (D)
Parameter : E: inhalable fraction
Limit value : 1000 mg/m³
Peak limitation : 8(II)
Remark : Y
Version : 29.03.2019

GLYCEROL ; CAS No. : 56-81-5

Limit value type (country of origin) : TRGS 900 (D)
Parameter : E: inhalable fraction
Limit value : 200 mg/m³
Peak limitation : 2(I)
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 : violet
Odour : characteristic

Safety characteristics

Physical state :		Liquid	
Freezing point :		No data available	
Initial boiling point and boiling range :	(1013 hPa) ~	109 °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	
Vapour pressure :	(50 °C) <	1100 hPa	
Density :	(20 °C) ~	1,134 g/cm ³	
Solvent separation test :	(20 °C) <	3 %	
pH :	~	6,3	
log P O/W :		No data available	
Flow time :	(20 °C) ~	14 s	DIN-cup 4 mm
Odour threshold :		No data available	
Relative vapour density :	(20 °C)	No data available	
Vapourisation rate :		No data available	
Flammable aerosols :		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).

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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

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Parameter : LD50 (C.I. ACID VIOLET 17; C.I. 42650 ; CAS No. : 4129-84-4)
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg

Corrosion

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (C.I. ACID VIOLET 17; C.I. 42650 ; CAS No. : 4129-84-4)
Species : Rabbit
Result : No erythema (redness). No conjunctival redness.

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (C.I. ACID VIOLET 17; C.I. 42650 ; CAS No. : 4129-84-4)
Species : Rabbit
Result : No iris lesions. No opacity (0)

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : Acute (short-term) fish toxicity (C.I. ACID VIOLET 17; C.I. 42650 ; CAS No. : 4129-84-4)
Species : Leuciscus idus (golden orfe)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 1 - 10 mg/l
Exposure time : 96 h

Toxicity to microorganisms

Parameter : EC50 (C.I. ACID VIOLET 17; C.I. 42650 ; CAS No. : 4129-84-4)
Species : Bacteria toxicity
Effective dose : > 100 mg/l
Exposure time : 3 h

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Evaluation : Bacteria toxicity
Method : OECD 209
Source : Bacteria toxicity

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 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. : 3

National regulations

Water hazard class (WGK)

Classification according to AwSV - Class : 3 (Strongly hazardous to water)

15.2 Chemical safety assessment

No information available.

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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)

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.