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

Trade name :	Stamping ink 4011 violet		
Revision date :	11.01.2021	**Version (Revision) :**	9.0.3 (9.0.2)
Print date :	11.01.2021		

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

1.1 Product identifier

Stamping ink 4011
violet (15010651008038)
Unique Formula Identifier (UFI): 43T9-NKS2-AXE3-C8R4

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

None

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

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

Weight fraction : < 3 %

Classification 1272/2008 [CLP] : Substance with a Community workplace exposure limit

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

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
Limit value : 200 mg/m³
Peak limitation : 2(I)
Remark : Y
Version : 27.10.2020

ETHANOL ; CAS No. : 64-17-5
Limit value type (country of origin) : TRGS 900 (D)
Limit value : 200 ppm / 380 mg/m³
Peak limitation : 4(II)
Remark : Y
Version : 27.10.2020

2-(2-ETHOXYETHOXY)ETHANOL ; CAS No. : 111-90-0
Limit value type (country of origin) : TRGS 900 (D)
Limit value : 6 ppm / 35 mg/m³
Peak limitation : 2(I)
Remark : Y
Version : 27.10.2020

POLYETHYLENE GLYKOLS 200 - 400 ; CAS No. : 25322-68-3
Limit value type (country of origin) : TRGS 900 (D)
Parameter : E: inhalable fraction
Limit value : 200 mg/m³
Peak limitation : 2(II)
Remark : Y
Version : 27.10.2020

(2-METHOXYMETHYLETHOXY)PROPANOL ; CAS No. : 34590-94-8
Limit value type (country of origin) : TRGS 900 (D)
Limit value : 50 ppm / 310 mg/m³
Peak limitation : 1(I)
Version : 27.10.2020

Limit value type (country of origin) : TWA (EC)
Limit value : 50 ppm / 308 mg/m³
Remark : Skin
Version : 20.06.2019

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)	>	140	°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)	~	1,092	g/cm³	
Solvent separation test :	(20 °C)	~	3	%	
pH :		~	6,9		
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).

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 (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
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.

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.

SECTION 16: Other information

16.1 Indication of changes
02. Label elements · 03. Hazardous ingredients · 08. Occupational exposure limit values

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.