

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WEKO-S1

Revision date: 06.05.2021

Product code: 39330

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Silicone emulsion for inkjet printing

1.3. Details of the supplier of the safety data sheet

Company name: WS print GmbH & Co. KG
 Street: Kirschenleite 5
 Place: D-91220 Schnaittach
 Telephone: +9295-0 9153 49
 e-mail: sdb@wsprint.de
 Internet: www.wsprint.de

Telefax: +49 9153 9295-34
 Telephone: +49 9153 9295-0

1.4. Emergency telephone number:

Deutschland Giftnotruf: +49 30 1 92 40

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements**2.3. Other hazards**

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
14548-60-8	(Benzyloxy)methanol	< 1 %
	238-588-8	
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H312 H302 H315 H318 H335	
78330-21-9	Fatty alcohol polyglycol ether	< 1 %
	Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 3; H319 H400 H412	
68920-66-1	Alkohols, C16-18 and C18-unsat. , ethoxylated	< 0.1 %
	Acute Tox. 4, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3; H302 H318 H400 H412	
68439-49-6	Alkohole C16 _ C18, ethoxyliert	< 0.1 %
	500-212-8	
	Acute Tox. 4, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3; H302 H318 H400 H412	

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
14548-60-8	238-588-8	(Benzyloxy)methanol	< 1 %
		inhalation: LC50 = >0,501 mg/l (dusts or mists); dermal: LD50 = 1000 - 2000 mg/kg; oral: LD50 = 1700 mg/kg	
78330-21-9		Fatty alcohol polyglycol ether	< 1 %
		oral: LD50 = >2000 mg/kg	
68920-66-1		Alkohols, C16-18 and C18-unsat. , ethoxylated	< 0.1 %
		oral: LD50 = >5000 mg/kg	
68439-49-6	500-212-8	Alkohole C16 _ C18, ethoxyliert	< 0.1 %
		oral: ATE = 500 mg/kg	

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and 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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Co-ordinate fire-fighting measures to the fire surroundings. Atomized water. Carbon dioxide (CO₂). alcohol resistant foam. Extinguishing powder**Unsuitable extinguishing media**

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General measures**

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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6.3. Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Usually no personal respiratory protection necessary.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:

Liquid

Colour:

white

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Odour:	characteristic	
pH-Value (at 25 °C):		8,0
Changes in the physical state		
Boiling point or initial boiling point and boiling range:		100 °C
Flash point:		>100 °C
Oxidizing properties		
Not oxidising.		
Vapour pressure: (at 25 °C)		31,7 hPa
Density (at 25 °C):		0,98-0,99 g/cm ³
Water solubility:		easily soluble
Solubility in other solvents		
not determined		
Viscosity / dynamic: (at 25 °C)		<10 mPa·s

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
14548-60-8	(Benzyloxy)methanol				
	oral	LD50 1700 mg/kg	Rat		
	dermal	LD50 1000 - 2000 mg/kg	Rat		
	inhalation (4 h) aerosol	LC50 >0,501 mg/l	Rat		
78330-21-9	Fatty alcohol polyglycol ether				
	oral	LD50 >2000 mg/kg			
68920-66-1	Alkohols, C16-18 and C18-unsat. , ethoxylated				
	oral	LD50 >5000 mg/kg	Rat		
68439-49-6	Alkohole C16 _ C18, ethoxyliert				
	oral	ATE 500 mg/kg			

Additional information on tests

The mixture is classified as not hazardous according to Directive 1999/45/EC.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
14548-60-8	(Benzyloxy)methanol					
	Acute fish toxicity	LC50 81,5 mg/l	96 h	Fish		
	Acute algae toxicity	ErC50 17,7 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 43 mg/l	48 h	Daphnia magna (Big water flea)		
68920-66-1	Alkohols, C16-18 and C18-unsat. , ethoxylated					
	Acute fish toxicity	LC50 1- 10 mg/l	96 h	Danio rerio (zebrafish)		ISO 7346
	Acute bacteria toxicity	(10 -100 mg/l)				OECD 209

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
14548-60-8	(Benzyloxy)methanol			
	OECD 301E/ EEC 92/69/V, C.4-B	100%	18	

12.3. Bioaccumulative potential

The product has not been tested.

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Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
14548-60-8	(Benzyloxy)methanol	0,3

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 0,28 %

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

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Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Further Information

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.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)