Sika[®] Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

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

1.1 Product identifier

Trade name

: Sika[®] Betonverflüssiger BV 8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Concrete admixtures

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Nederland B.V.
		Zonnebaan 56
		3542 EG Utrecht
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person	:	EHS@nl.sika.com
responsible for the SDS		

1.4 Emergency telephone number

+31-57-0854201

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Serious eye damage, Category 1

H318: Causes serious eye damage.

2.2 Label elements

Signal word

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Prevention:P280Wear eye protection/ face protection.Response:P305 + P351 + P338 + P310IF IN EYES: Rinse cautiously

Hazard statements

Precautionary statements

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika[®] Betonverflüssiger BV 8

Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

Alcohols,-C12-16,-ethoxylated

Additional Labelling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one (BIT), mixture of: 5-chloro-2-methyl-4isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)), triisobutyl phosphate. May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Contains a biocide in order to protect the product. Active ingredient: 1,2-benzisothiazol-3(2H)-one (BIT), 2634-33-5, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)), 55965-84-9. Please use treated articles responsibly.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Compendito			
Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Alcohols,-C12-16,-ethoxylated	68551-12-2 500-221-7	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 5 - < 10
triisobutyl phosphate	126-71-6 204-798-3 01-2119957118-32- XXXX	Skin Sens. 1B; H317	>= 0,1 - < 0,5



according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika®

Sika® Betonverflüssiger BV 8

Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

1,2-benzisothiazol-3(2H)-one	2634-33-5	Acute Tox. 4; H302	>= 0,025 - <
(BIT)	220-120-9 01-2120761540-60- XXXX	Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0,036
		M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	
		specific concentration limit Skin Sens. 1A; H317 >= 0,036 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 450 mg/kg Acute inhalation tox- icity (dust/mist): 0,21 mg/l	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika® Betonverflüssiger BV 8



Revision Date: 12.08.2024
Date of last issue: 08.03.2024

Version 6.0

of last issue: 08.03.2024			
mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-2H- isothiazol-3-one [EC no. 220-239- 6] (3:1) (C(M)IT/MIT (3:1))	55965-84-9 911-418-6 01-2120764691-48- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0002 - < 0,0015
		M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100	
		specific concentration limit Skin Corr. 1C; H314 >= 0,6 %	
		specific concentration limit Skin Irrit. 2; H315 0,06 - < 0,6 %	
		specific concentration limit Eye Irrit. 2; H319 0,06 - < 0,6 %	
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		specific concentration limit Eye Dam. 1; H318 >= 0,6 %	

For explanation of abbreviations see section 16.



Sika® Betonverflüssiger BV 8 Revision Date: 12.08.2024

Date of last issue: 08.03.2024

Version 6.0

Print Date 30.08.2024

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. If inhaled : Move to fresh air. Consult a physician after significant exposure. In case of skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician. In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing. If swallowed : Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. 4.2 Most important symptoms and effects, both acute and delayed Symptoms : Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms. Risks : Causes serious eye damage. irritant effects			5		
Consult a physician after significant exposure.In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.In case of eye contact: Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.If swallowed: Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.4.2 Most important symptoms and effects, both acute and delayed Symptoms: Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms.Risks: Causes serious eye damage.	General advice	:	Consult a physician.		
Wash off with soap and plenty of water. If symptoms persist, call a physician.In case of eye contact: Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.If swallowed: Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. 	If inhaled	:			
sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.If swallowed:Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.4.2 Most important symptoms and effects, both acute and delayed Symptoms:Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms.Risks:Causes serious eye damage.	In case of skin contact	:	Wash off with soap and plenty of water.		
Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.4.2 Most important symptoms and effects, both acute and delayed SymptomsExcessive lachrymation See Section 11 for more detailed information on health effects and symptoms.Risks:Causes serious eye damage.	In case of eye contact	:	sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses.		
Symptoms : Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms. Risks : Causes serious eye damage.	If swallowed	:	Rinse mouth with water. Do not give milk or alcoholic beverages.		
Symptoms : Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms. Risks : Causes serious eye damage.	4.2 Most important symptoms an	nd e	effects, both acute and delayed		
		:	Excessive lachrymation See Section 11 for more detailed information on health effects		
irritant effects	Risks	:	Causes serious eye damage.		
			irritant effects		
4.3 Indication of any immediate medical attention and special treatment needed	4.3 Indication of any immediate medical attention and special treatment needed				
Treatment : Treat symptomatically.	Treatment	:	Treat symptomatically.		

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox-
		ide/sand/foam/alcohol resistant foam/chemical powder for
		extinction.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika® Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024		Version 6.0	Print Date 30.08.2024
5.2 Special hazards arising from	th	e substance or mixture	
•		No hazardous combustion products are known	
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathi	ng apparatus.
Further information	:	Standard procedure for chemical fires.	
6.1 Personal precautions, protec Personal precautions		e equipment and emergency procedures Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			
Environmental precautions	:	Try to prevent the material from entering drains courses. No special environmental precautions required	
6.3 Methods and material for cor	nta	inment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. san acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposa	-

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	 Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika® Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024	Version 6.0	Print Date 30.08.2024
Hygiene measures :	Handle in accordance with good industrial practice. When using do not eat or drink. W smoke. Wash hands before breaks and at t	/hen using do not
7.2 Conditions for safe storage, in	luding any incompatibilities	
Requirements for storage : areas and containers	Keep container tightly closed in a dry and v place. Containers which are opened must b sealed and kept upright to prevent leakage ance with local regulations.	be carefully re-
Further information on stor- : age stability	No decomposition if stored and applied as	directed.
7.3 Specific end use(s)		
Specific use(s) :	Consult most current local Product Data Sh use.	eet prior to any

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
------------	---------	-------------------------------	---------------------------	---------

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection	: Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water	
Hand protection	: Chemical-resistant, impervious gloves complying with an a proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow mar facturer specifications.	
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	: Protective clothing (e.g. Safety shoes acc. to EN ISO 2034 long-sleeved working clothing, long trousers). Rubber apro	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika[®] Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024	Version 6.0	Print Date 30.08.2024
	and protective boots are additionaly re and stirring work.	ecommended for mixing
Respiratory protection	: No special measures required.	
Environmental exposure	controls	
General advice	 Try to prevent the material from entering courses. No special environmental precautions 	5

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

intormation on pasic physical	an	u chemical properti
Physical state Colour	:	liquid colourless
	•	
Odour	:	characteristic
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or o	exp	losive limits
Upper explosion limit / Up- per flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable

Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	ca. 7 Concentration: 100 %

Viscosity

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika® Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024	Version 6.0	Print Date 30.08.2024
Viscosity, kinematic	: > 7 mm2/s (40 °C)	
Solubility(ies) Water solubility	: soluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: ca. 1,00 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid	:	No data available
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10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

Sika[®] Betonverflüssiger BV 8

Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified due to lack of data.

Components:

. . . .

1,2-benzisothiazol-3(2H)-one (BIT):

Acute oral toxicity :	Acute toxicity estimate: 450 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
	LD50 Oral (Rat): 450 mg/kg
Acute inhalation toxicity :	Acute toxicity estimate: 0,21 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
	LC50: 0,21 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity :	LD50 Dermal (Rabbit): > 2.000 mg/kg
mixture of: 5-chloro-2-methyl-4-is one [EC no. 220-239-6] (3:1) (C(sothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- M)IT/MIT (3:1)):
Acute inhalation toxicity :	Assessment: Corrosive to the respiratory tract.
Skin corrosion/irritation Not classified due to lack of data	
Serious eye damage/eye irritat	ion

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Components:

1,2-benzisothiazol-3(2H)-one (BIT):

Assessment

: May cause sensitisation by skin contact.



according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika[®] Betonverflüssiger BV 8

Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

:

Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

triisobutyl phosphate:

Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 11 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	IC50 (Desmodesmus subspicatus (green algae)): 34,1 mg/l Exposure time: 72 h
1,2-benzisothiazol-3(2H)-one	e (B	lT):
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 3 mg/l Exposure time: 48 h
M-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic toxicity)	:	1



according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika[®] Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)):

M-Factor (Acute aquatic tox- : 100 icity)

M-Factor (Chronic aquatic : 100 toxicity)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product: Assessment	 The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7 Other adverse effects	

Product:

Additional ecological infor-	:	There is no data available for this product.
mation		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues.
	This material and its container must be disposed of in a safe
	way.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika® Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024		Version 6.0	Print Date 30.08.2024
		Dispose of surplus and non-recyclable product waste disposal contractor. Disposal of this product, solutions and any by at all times comply with the requirements of en- protection and waste disposal legislation and local authority requirements. Avoid dispersal of spilled material and runoff a soil, waterways, drains and sewers.	-products should nvironmental any regional
European Waste Catalogue	:	17 09 03* other construction and demolition with mixed wastes) containing dangerous substant	, J
Contaminated packaging	:	15 01 10* packaging containing residues of or by dangerous substances	contaminated

SECTION 14: Transport information

14.1 UN number or ID number

	ADR	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	ΙΑΤΑ	:	Not regulated as a dangerous good
14.2	UN proper shipping name		
	ADR	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	ΙΑΤΑ	:	Not regulated as a dangerous good
14.3	Transport hazard class(es)		
	ADR	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	ΙΑΤΑ	:	Not regulated as a dangerous good
14.4	Packing group		
	ADR	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	IATA (Cargo)	:	Not regulated as a dangerous good
	IATA (Passenger)	:	Not regulated as a dangerous good
14.5	Environmental hazards		
			-

Not regulated as a dangerous good

14.6 Special precautions for user Not applicable

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika[®] Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024	Version	6.0	Print Date	e 30.08.2024		
14.7 Maritime transport in bulk acco Not applicable for product as sup	-	ents				
SECTION 15: Regulatory inform	ation					
15.1 Safety, health and environmen International Chemical Weapons		tion :	specific for the substance or m Not applicable	ixture		
Schedules of Toxic Chemicals ar	nd Precursors					
REACH Information:	REACH Information: - registered by our upstream suppliers, and/or - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration.					
REACH - Restrictions on the mar the market and use of certain dar mixtures and articles (Annex XVI	ngerous substances,	:	Conditions of restriction for the for lowing entries should be conside Number on list 3			
			Number on list 75:			
REACH - Candidate List of Subsi Concern for Authorisation (Article		:	None of the components are liste (=> 0.1 %).	ed		
REACH - List of substances subj (Annex XIV)	ect to authorisation	:	Not applicable			
Regulation (EC) on substances the layer	nat deplete the ozone	:	Not applicable			
Regulation (EU) 2019/1021 on petants (recast)	ersistent organic pollu-	:	Not applicable			
Regulation (EU) No 649/2012 of ment and the Council concerning of dangerous chemicals		:	Not applicable			
Seveso III: Directive 2012/18/EU jor-accident hazards involving da		ment	and of the Council on the control	of ma-		

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika[®] Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024 Version 6.0

Print Date 30.08.2024

(VOCV) no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H301 H302 H310 H314 H315 H317 H318 H330 H400 H410 H412		Toxic if swallowed. Harmful if swallowed. Fatal in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. Very toxic to aquatic life. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.			
Full text of other abbreviations					
Acute Tox.	:	Acute toxicity			
Aquatic Acute	:	Short-term (acute) aquatic hazard			
Aquatic Chronic	:	Long-term (chronic) aquatic hazard			
Eye Dam.	:	Serious eye damage			
Skin Corr.	:	Skin corrosion			
Skin Irrit.	:	Skin irritation			
Skin Sens.	:	Skin sensitisation			
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road			
CAS	:	Chemical Abstracts Service			
DNEL	:	Derived no-effect level			
EC50	:	Half maximal effective concentration			
GHS	:	Globally Harmonized System			
ΙΑΤΑ	:	International Air Transport Association			
IMDG	:	International Maritime Code for Dangerous Goods			
LD50	:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)			
LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)			
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978			
OEL	:	Occupational Exposure Limit			
Numtry NIL 000000212024		15 /			

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sika® Betonverflüssiger BV 8



Revision Date: 12.08.2024 Date of last issue: 08.03.2024		Version 6.0	Print Date 30.08.2024			
PBT	:	Persistent, bioaccumulative and toxic	C			
PNEC	:	Predicted no effect concentration				
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency				
SVHC	:	Substances of Very High Concern				
vPvB	:	Very persistent and very bioaccumulative				
Further information						
Classification of the mixtu	ire:	Classificat	ion procedure:			
Eye Dam. 1	H3	Calculation	method			

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

NL / EN