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

#### 1.1 Product identifier

Trade name : Sika® ViscoCrete® CR-141

#### 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 Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ
Telephone Telefax E-mail address of person	:	+44 (0)1707 394444 +44 (0)1707 329129 EHS@uk.sika.com
responsible for the SDS		

#### **1.4 Emergency telephone number**

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation, Category 1 H317: M

H317: May cause an allergic skin reaction.

### 2.2 Label elements

. .

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317	May cause an allergic skin reaction.
Precautionary statements	:	<b>Prevention</b> P261 P272	: Avoid breathing mist or vapours. Contaminated work clothing should not be



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	P280	allowed out of the workplace. Wear protective gloves.	
	Response:		
	P333 + P313	If skin irritation or rash occurs: G advice/ attention.	et medical
	P362 + P364 Take off contaminated clothing before reuse.		and wash it
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	accordance

### Hazardous components which must be listed on the label:

1,2-benzisothiazol-3(2H)-one (BIT) 2-octyl-2H-isothiazole-3-one (OIT)

## 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.

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**SECTION 3: Composition/information on ingredients** 

### 3.2 Mixtures

# Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one (BIT)	2634-33-5 220-120-9 01-2120761540-60- XXXX	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 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-	>= 0,0025 - < 0,025
		icity (dust/mist): 0,21 mg/l	

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2-octyl-2H-isothiazole-3-one (OIT)	26530-20-1 247-761-7 01-2120768921-45- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0015 - < 0,0025
		M-Factor (Acute aquatic toxicity): 100100 M-Factor (Chronic aquatic toxicity): 100100	
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 125 mg/kg 125 mg/kg Acute inhalation tox- icity (dust/mist): 0,27 mg/l	
For explanation of abbreviations se	e section 16	0,27 mg/l Acute dermal toxicity: 311 mg/kg 311 mg/kg	

For explanation of abbreviations see section 16.

# **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.	Date 20.02.2025
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 : Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
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 : Allergic reactions See Section 11 for more detailed information on health e and symptoms.	ffects
Risks : sensitising effects	
May cause an allergic skin reaction.	
4.3 Indication of any immediate medical attention and special treatment needed	
Treatment : Treat symptomatically.	
SECTION 5: Firefighting measures	
SECTION 5: Firefighting measures 5.1 Extinguishing media	
5.1 Extinguishing media Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon div ide/sand/foam/alcohol resistant foam/chemical powder fo	
5.1 Extinguishing media Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon divide/sand/foam/alcohol resistant foam/chemical powder for extinction.	
<ul> <li>5.1 Extinguishing media         <ul> <li>Suitable extinguishing media</li> <li>In case of fire, use water/water spray/water jet/carbon dia ide/sand/foam/alcohol resistant foam/chemical powder for extinction.</li> </ul> </li> <li>5.2 Special hazards arising from the substance or mixture         <ul> <li>Hazardous combustion prod-</li> <li>No hazardous combustion products are known</li> </ul> </li> </ul>	
<ul> <li>5.1 Extinguishing media         <ul> <li>Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dide/sand/foam/alcohol resistant foam/chemical powder for extinction.</li> </ul> </li> <li>5.2 Special hazards arising from the substance or mixture         <ul> <li>Hazardous combustion prod-</li> <li>No hazardous combustion products are known ucts</li> </ul> </li> </ul>	or



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SECTION 6: Accidental release	e measures
6.1 Personal precautions, protect	tive equipment and emergency procedures
Personal precautions	: Use personal protective equipment. Deny access to unprotected persons.
6.2 Environmental precautions	
Environmental precautions	: Do not flush into surface water or sanitary sewer system.
6.3 Methods and material for con	tainment and cleaning up
Methods for cleaning up	<ul> <li>Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).</li> <li>Keep in suitable, closed containers for disposal.</li> </ul>

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#### 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. Persons with a history of skin sensitisation problems or asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the ap- plication area. Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2 Conditions for safe storage, in	clu	uding any incompatibilities
Requirements for storage	:	Keep container tightly closed in a dry and well-ventilated



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Further information on stor-	:	ance with local regulations. No decomposition if stored and applied as directed	ed
age stability	•		50.
7.3 Specific end use(s) Specific use(s)	:	Consult most current local Product Data Sheet pluse.	rior 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 *
Containe no substances with ecourational exposure limit values				

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 ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- 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 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.		
Respiratory protection	:	No special measures required.		

#### **Environmental exposure controls**



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# **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	i an	liquid
Colour	:	light brown
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	olosive limits
Upper explosion limit / Up- per flammability limit	-	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	4
Viscosity Viscosity, kinematic	:	> 7 mm2/s (40 °C)
<b>Solubility(ies)</b> Water solubility	:	soluble
Partition coefficient: n- octanol/water	:	No data available



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Vapour pressure	: 23 hPa	
Density	: 1,078 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
<b>9.2 Other information</b> 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

### 10.5 Incompatible materials

Materials to avoid : No data available

## **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

# **SECTION 11: Toxicological information**

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

#### Acute toxicity

Not classified based on available information.

# **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)



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	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 No. 1272/2008	to Regulation (EC)
	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	
2-octyl-2H-isothiazole-3-one (	DIT):	
Acute oral toxicity :	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)
	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)
Acute inhalation toxicity :	Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)
	Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)
Acute dermal toxicity :	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)
	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)

### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.



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Respiratory or skin sensitisation						
<b>Skin sensitisation</b> May cause an allergic skin react	<b>Skin sensitisation</b> May cause an allergic skin reaction.					
<b>Respiratory sensitisation</b> Not classified based on available	<b>Respiratory sensitisation</b> Not classified based on available information.					
Components:						
<b>1,2-benzisothiazol-3(2H)-one (</b> Assessment :	<b>1,2-benzisothiazol-3(2H)-one (BIT):</b> Assessment       : May cause sensitisation by skin contact.					
Germ cell mutagenicity Not classified based on available	Germ cell mutagenicity Not classified based on available information.					
Carcinogenicity Not classified based on available	Carcinogenicity Not classified based on available information.					
<b>Reproductive toxicity</b> Not classified based on available	<b>Reproductive toxicity</b> Not classified based on available information.					
STOT - single exposure Not classified based on available	<b>STOT - single exposure</b> Not classified based on available information.					
STOT - repeated exposure Not classified based on available	<b>STOT - repeated exposure</b> Not classified based on available information.					
Aspiration toxicity Not classified based on available	Aspiration toxicity Not classified based on available information.					
11.2 Information on other hazards	11.2 Information on other hazards					
Endocrine disrupting properti	Endocrine disrupting properties					
Product: Assessment :	The substance/mixture does not contain con ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegat (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	according to ted regulation				

# **SECTION 12: Ecological information**

# 12.1 Toxicity

# Components:

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

-			
	aquatic invertebrates		Exposure time: 48 h
	Toxicity to daphnia and other	:	EC50 (Daphnia (water flea)): 3 mg/l



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M-Factor (Acute aquatic tox- icity)	: 1	
M-Factor (Chronic aquatic toxicity)	: 1	
2-octyl-2H-isothiazole-3-one	(OIT):	
M-Factor (Acute aquatic tox- icity)		
	100	
M-Factor (Chronic aquatic toxicity)	: 100	
	100	
<b>12.2 Persistence and degradabili</b> No data available	у	
<b>12.3 Bioaccumulative potential</b> No data available		
<b>12.4 Mobility in soil</b> No data available		
12.5 Results of PBT and vPvB as	sessment	
Product:		
Assessment	: This substance/mixture contains no con to be either persistent, bioaccumulative very persistent and very bioaccumulativ 0.1% or higher	and toxic (PBT), or
12.6 Endocrine disrupting prope	ties	
Product:		
Assessment	<ul> <li>The substance/mixture does not contain ered to have endocrine disrupting prope REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regular levels of 0.1% or higher.</li> </ul>	erties according to legated regulation
12.7 Other adverse effects		
Product:		
	: There is no data available for this produ	ict.
Country GB 000000217934		12/17



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#### **Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

#### **Components:**

#### octamethylcyclotetrasiloxane [D4]:

20-year global warming potential: 2,66 100-year global warming potential: 0,739 500-year global warming potential: 0,211 Atmospheric lifetime: 0,027 yr Radiative efficiency: 0,12 Wm2ppb Further information: Miscellaneous compounds

### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	<ul> <li>The generation of waste should be avoided or minimized wherever possible.</li> <li>Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.</li> <li>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.</li> <li>Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.</li> <li>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.</li> </ul>
European Waste Catalogue	: 16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01

## **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

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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 danger	ous good	
<b>14.6 Special precautions for</b> Not applicable	user	
<b>14.7 Maritime transport in bu</b> Not applicable for product	Ik according to IMO instruments as supplied.	

# **SECTION 15: Regulatory information**

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable
Regulation (EU) No 2024/590 on substances that deplete the ozone layer	:	Not applicable





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UK REACH List of substances so (Annex XIV)	ubject to authorisation : Not applicabl	e
GB Export and import of hazardo Informed Consent (PIC) Regulat		e
Control of Major Accident Hazard 2015 (COMAH)	ds Regulations Not applicable	
· · · · · · · · · · · · · · · · · · ·	Law on the incentive tax for volatile orga (VOCV) Volatile organic compounds (VOC) conte no VOC duties	·
	Directive 2010/75/EU of 24 November 20 livestock rearing emissions (integrated p and control) Volatile organic compounds (VOC) conte	ollution prevention

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ-	Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or	Control of Substances Hazardous to Health Regulations
mixture:	(COSHH)
	May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

### 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 :	Toxic if swallowed.
H302 :	Harmful if swallowed.
H311 :	Toxic in contact with skin.
H314 :	Causes severe skin burns and eye damage.
H315 :	Causes skin irritation.
H317 :	May cause an allergic skin reaction.
H318 :	Causes serious eye damage.
H330 :	Fatal if inhaled.
H400 :	Very toxic to aquatic life.
H410 :	Very toxic to aquatic life with long lasting effects.



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# Full text of other abbreviations

Acute Tox.:Aquatic Acute:Aquatic Chronic:Eye Dam.:Skin Corr.:Skin Irrit.:Skin Sens.:ADR:	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Skin corrosion Skin irritation Skin sensitisation European Agreement concerning the International Carriage of
CAS : DNEL : EC50 : GHS : IATA : IMDG : LD50 :	Dangerous Goods by Road Chemical Abstracts Service Derived no-effect level Half maximal effective concentration Globally Harmonized System International Air Transport Association International Maritime Code for Dangerous Goods Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of
LC50 :	test animals) 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 : PBT : PNEC : REACH : SVHC : vPvB :	Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration 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 Substances of Very High Concern Very persistent and very bioaccumulative

### Further information

Classification of the mixture:		Classification procedure:
Skin Sens. 1	H317	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 !

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