Sika[®] Rugasol[®] ST



Revision Date: 25.11.2024 Date of last issue: 28.07.2022 Version 5.0

Print Date 25.11.2024

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

1.1 Product identifier

Trade name

: Sika[®] Rugasol[®] ST

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

Product use : Post treatment agent

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Schweiz AG
		Tüffenwies 16
		8048 Zürich
Telephone	:	+41 58 436 40 40
Telefax	:	-
E-mail address of person	:	EHS@ch.sika.com
responsible for the SDS		

1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich +41(0)44 251 51 51 / Speed calling: 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation, Category 1

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	:	Prevention P261 P272	1: Avoid breathing mist or vapours. Contaminated work clothing should not be

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

Sika[®] Rugasol[®] ST



Revision Date: 25.11.2024 Date of last issue: 28.07.2022 Version 5.0

Print Date 25.11.2024

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

Hazardous components which must be listed on the label:

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

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

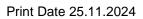
Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
	Registration number		()0 (0,00)
Alcohols, C16-18, ethoxylated	68439-49-6 Not Assigned	Aquatic Acute 1; H400	>= 0,5 - < 1
		Aquatic Chronic 3; H412	

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

Sika[®] Rugasol[®] ST

Revision Date: 25.11.2024 Date of last issue: 28.07.2022 Version 5.0



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	>= 0,036 - < 0,1
		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[®] Rugasol[®] ST

Revision Date: 25.11.2024 Date of last issue: 28.07.2022

For explanation of abbreviations see section 16.

e of last issue: 28.07.2022			
reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2- methyl-2H-isothiazol-3-one (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 M-Factor (Acute	>= 0,0015 - < 0,0025
		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 %	



Print Date 25.11.2024



Revision Date: 25.11.2024 Date of last issue: 28.07.2022 Version 5.0

Print Date 25.11.2024

SECTION 4: First aid measures

4.1 Description of first aid measures	
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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	:	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 e	effects, both acute and delayed
Symptoms	:	Allergic reactions See Section 11 for more detailed information on health effects and symptoms.
Risks	:	sensitising effects
		May cause an allergic skin reaction.
4.3 Indication of any immediat	e mec	dical attention and special treatment needed
Treatment	:	Treat symptomatically.
SECTION 5: Firefighting me	asur	

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.
5.2 Special hazards arising from th	e substance or mixture
Hazardous combustion prod-	No hazardous combustion products are known

Hazardous combustion prod- : No hazardous combustion products are known ucts

Sika[®] Rugasol[®] ST

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Revision Date: 25.11.2024 Date of last issue: 28.07.2022		Version 5.0	Print Date 25.11.2024		
5.3 Advice for firefighters Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing	apparatus.		
Further information	:	Standard procedure for chemical fires.			
SECTION 6: Accidental release	e r	neasures			
6.1 Personal precautions, protect	tive	e 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 containment and cleaning up					
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	silica gel,		

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 asthma, 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 application 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.

Sika[®] Rugasol[®] ST



1.2024

Revision Date: 25.11.2024	Version 5.0	Print Date 25.11.
Date of last issue: 28.07.2022		

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.
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 Sheet prior to any use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parame-	Basis *	
		of exposure)	ters *		
reaction mass of 5-chloro-2-methyl-2H- isothiazol-3-one and 2-methyl-2H- isothiazol-3-one (3:1)	55965-84-9	TWA (inhalable dust)	0,2 mg/m3	CH SUVA	
	Further information: Sensitizers; Substances marked with an S can lead to very strong allergic reactions., Harm to the unborn				
	child is not to be expected when the OEL-value is respected				
		STEL (inhalable	0,4 mg/m3	CH SUVA	
		dust)			

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Engineering measures

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

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 approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer 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:

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2

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

Sika[®] Rugasol[®] ST



Revision Date: 25.11.2024 Date of last issue: 28.07.2022		Version 5.0	Print Date 25.11.2024
		Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to long-sleeved working clothing, long trousers and protective boots are additionaly recomm and stirring work.). Rubber aprons
Respiratory protection	:	In case of inadequate ventilation wear respir Respirator selection must be based on know exposure levels, the hazards of the product ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 100 Ensure adequate ventilation. This can be ac exhaust extraction or by general ventilation. ods for determining inhalation exposure). The ticular to the mixing / stirring area. In case the to keep the concentrations under the occupation limits then respiration protection measures response.	vn or anticipated and the safe work- 000 ppm hieved by local (EN 689 - Meth- his applies in par- his is not sufficent ational exposure

Environmental exposure controls

	General advice	: Do not flush into surface water or sanitary sewer system.	
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid white
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	exp	losive limits
Upper explosion limit / Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available

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

Sika[®] Rugasol[®] ST



Revision Date: 25.11.2024 Date of last issue: 28.07.2022	Version 5.0	Print Date 25.11.2024
Flash point	: > 101 °C Method: closed cup	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
рН	: 7 Concentration: 100 %	
Viscosity Viscosity, kinematic	: ca. 7 - 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	: soluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: 1,01 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.

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

Sika[®] Rugasol[®] ST



Revision Date: 25.11.2024 Date of last issue: 28.07.2022	Version 5.0	Print Date 25.11.2024
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 pro	oducts	
	: No hazardous decomposition products are	known.

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

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (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 irritation

Not classified due to lack of data.

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Revision Date: 25.11.2024 Date of last issue: 28.07.2022 Version 5.0

Print Date 25.11.2024

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified due to lack of data.

Components:

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

Assessment

: May cause sensitisation by skin contact.

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:

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

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

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

Sika[®] Rugasol[®] ST

Revision Date: 25.11.2024

Date of last issue: 28.07.2022



Print Date 25.11.2024

M-Factor (Acute aquatic tox- : 1 icity) M-Factor (Chronic aquatic : 1 toxicity) reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (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:** : The substance/mixture does not contain components consid-Assessment ered 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

Version 5.0

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 minimize	d
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Revision Date: 25.11.2024 Version 5.0 Print Date 25.11.2024 Date of last issue: 28.07.2022 wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste code Switzerland : 16 10 01 [S] aqueous liquid wastes containing dangerous VeVA/LVA substances

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[®] Rugasol[®] ST



Revision Date: 25.11.2024	Version 5.0	Print Date 25.11.2024
Date of last issue: 28.07.2022		

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors **REACH Information:** All substances contained in our Products are - 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 manufacture, placing on Conditions of restriction for the fol-• the market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 3 Number on list 75: REACH - Candidate List of Substances of Very High None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %).REACH - List of substances subject to authorisation Not applicable (Annex XIV) Regulation (EC) on substances that deplete the ozone Not applicable 1 laver Regulation (EU) 2019/1021 on persistent organic pollu-Not applicable tants (recast) PIC Ordinance, ChemPICO (814.82) Not applicable Ordinance on Protection against Major Accidents Threshold quantity according to Major Accidents Ordi-Not applicable nance (MAO 814.012) Chemical Risk Reduction Ordinance : Conditions of restriction for the following annexes (ORRChem, SR 814.81) should be considered: Annex 1.11 Dangerous liquid substances Waters Protection Ordinance (WPO 814.201)



Revision Date: 25.11.2024 Date of last issue: 28.07.2022		Version 5.0	Print Date 25.11.2024
Water pollution class	:	slightly hazardous to water Classification according to AwSV, Annex 1 (5.	2)
Volatile organic compounds	:	Law on the incentive tax for volatile organic co (VOCV) no VOC duties	ompounds
		Directive 2010/75/EU of 24 November 2010 or emissions (integrated pollution prevention and Not applicable	

Other regulations:

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

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.
H310	:	Fatal 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.
H412	:	Harmful to aquatic life with long lasting effects.
Full text of other abbreviation	ons	
Full text of other abbreviation Acute Tox.	ons :	Acute toxicity
	ons : :	
Acute Tox.	ons : :	Acute toxicity
Acute Tox. Aquatic Acute	ons : : :	Acute toxicity Short-term (acute) aquatic hazard
Acute Tox. Aquatic Acute Aquatic Chronic	ons : : : :	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam.	:	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam. Skin Corr.	:	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Skin corrosion
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam. Skin Corr. Skin Irrit.	:	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Skin corrosion Skin irritation
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam. Skin Corr. Skin Irrit. Skin Sens.		Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Skin corrosion Skin irritation Skin sensitisation
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam. Skin Corr. Skin Irrit. Skin Sens. CH SUVA		Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Skin corrosion Skin irritation Skin sensitisation Switzerland. Limit values at the work place

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

Sika[®] Rugasol[®] ST

Revision Date: 25.11.2024 Da



Revision Date: 25.11.2024 Date of last issue: 28.07.2022	Version 5.0	Print Date 25.11.2024
ADR	: European Agreement concerning the Inter	national 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	
LD50	: Median lethal dosis (the amount of a mate	
	once, which causes the death of 50% (one	e half) of a group of
	test animals)	
LC50	: Median lethal concentration (concentration	
	air that kills 50% of the test animals during	g the observation
	period)	
MARPOL	: International Convention for the Preventio	
	Ships, 1973 as modified by the Protocol o	f 1978
OEL	: Occupational Exposure Limit	
PBT	: Persistent, bioaccumulative and toxic	
PNEC	: Predicted no effect concentration	
REACH	: Regulation (EC) No 1907/2006 of the Euro	opean Parliament
	and of the Council of 18 December 2006 of	concerning the Reg-
	istration, Evaluation, Authorisation and Re	estriction of Chemi-
	cals (REACH), establishing a European C	hemicals Agency
SVHC	: Substances of Very High Concern	
vPvB	: Very persistent and very bioaccumulative	
Further information		
Classification of the mixture:	Classification p	rocedure:

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 !

CH / EN