according to UK REACH Regulation

TIKALFLEX TSC plus				
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SECTION 1: Identification of t	he substance/mixture and of the com	pany/undertaking		
1.1. Product identifier				
TIKALFLEX TSC plus				
	ne substance or mixture and uses advise	d against		
Use of the substance/mixture				
Adhesives, sealants				
Uses advised against				
Any non-intended use.				
1.3. Details of the supplier of the	safety data sheet			
Company name:	Tikal Marine Systems GmbH			
Street:	Werkstraße 6			
Place:	D-22844 Norderstedt			
Telephone:	+49 40 526 30 60 3	Telefax: +49 40 526 30 60 5		
e-mail: Internet:	info@tikal-online.de www.tikal-online.com			
		526.20.60.2		
1.4. Emergency telephone number:	Tikal Marine Systems GmbH +49 40	526 30 60 3		
number.				

## 2.1. Classification of the substance or mixture

#### **GB CLP Regulation**

Hazard categories: Skin corrosion/irritation: Skin Irrit. 2 Serious eye damage/eye irritation: Eye Irrit. 2 Respiratory or skin sensitisation: Skin Sens. 1 Hazard Statements: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

## 2.2. Label elements

## **GB CLP Regulation**

Hazard components for labelling 3-aminopropyltriethoxysilane

Signal word: Warning

Signal word: Pictograms:



## **Hazard statements**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

## Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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P501	present and easy to do. Continue rinsing. Dispose of contents/container in accordance with local/regional/national/international regulations.	

#### 2.3. Other hazards

The substances in the mixture (>0,1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

## 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
37859-55-5	O,O',O''-(methylsilylidyne)trioxime	2-pentanone		>= 1 - < 5 %
	484-460-1		01-2120004323-76	
	Acute Tox. 4, Acute Tox. 4, Eye Ir			
58190-62-8	2-pentanone,O,O',O"-(ethenylsilyl	idyne)trioxime		>= 1 - < 5 %
	700-810-0		01-2120006148-66	
	Acute Tox. 4, Eye Irrit. 2; H302 H3	319		
919-30-2	3-aminopropyltriethoxysilane			>= 1 - < 5 %
	213-048-4	612-108-00-0	01-2119480479-24	
	Acute Tox. 4, Skin Corr. 1B, Skin	Sens. 1; H302 H314 H317		

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

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name			
	Specific Conc.	Limits, M-factors and ATE			
37859-55-5	484-460-1	O,O',O"-(methylsilylidyne)trioxime 2-pentanone	>= 1 - < 5 %		
	dermal: LD50	= > 1782 mg/kg; oral: LD50 = 1234 mg/kg			
58190-62-8	700-810-0	2-pentanone,O,O',O"-(ethenylsilylidyne)trioxime	>= 1 - < 5 %		
	dermal: LD50	= >2000 mg/kg; oral: LD50 = 1133 mg/kg			
919-30-2	213-048-4	3-aminopropyltriethoxysilane	>= 1 - < 5 %		
	dermal: LD50	= 4075 mg/kg; oral: LD50 = 1490 mg/kg			

## **Further Information**

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

### **General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

## After contact with skin

Gently wash with plenty of soap and water. Take off contaminated clothing. In case of skin irritation, seek medical treatment.

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#### After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

## 4.2. Most important symptoms and effects, both acute and delayed

Causes skin and eye irritation. May cause an allergic skin reaction.

#### 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

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

### Unsuitable extinguishing media

High power water jet.

## 5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

### 5.3. Advice for firefighters

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

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Ventilate affected area. Safe handling: see section 7

## For non-emergency personnel

Wear personal protection equipment (refer to section 8).

#### For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Discharge into the environment must be avoided.

#### 6.3. Methods and material for containment and cleaning up

## For containment

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

## For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

#### 6.4. Reference to other sections

Disposal: see section 13

### **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

according to UK REACH Regulation

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## Advice on safe handling

Use only in well-ventilated areas. Wear suitable protective clothing. See section 8.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

## Advice on general occupational hygiene

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work.

#### Further information on handling

General protection and hygiene measures: See section 8.

## 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Suitable material: synthetic

## Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

## Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Recommended storage temperature: 20°C Maximum storage time: ~ 1 year Protect against: frost. UV-radiation/sunlight. heat. Humidity

### 7.3. Specific end use(s)

See section 1.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### **DNEL/DMEL** values

CAS No	Substance			
DNEL type	•	Exposure route	Effect	Value
37859-55-5	O,O',O"-(methylsilylidyne)trioxime 2-pentanone			
Worker DNEL,	long-term	inhalation	systemic	0,229 mg/m³
Worker DNEL,	acute	inhalation	systemic	2,205 mg/m <sup>3</sup>
Worker DNEL,	long-term	dermal	systemic	0,065 mg/kg bw/day
Worker DNEL,	acute	dermal	systemic	0,624 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	0,057 mg/m³
Consumer DNEL, acute		inhalation	systemic	0,651 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,033 mg/kg bw/day
Consumer DN	EL, acute	dermal	systemic	0,375 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	0,033 mg/kg bw/day
Consumer DN	EL, acute	oral	systemic	0,375 mg/kg bw/day
58190-62-8	2-pentanone,O,O',O"-(ethenylsilylidyne)trioxime			
Worker DNEL,	long-term	inhalation	systemic	0,229 mg/m <sup>3</sup>

## according to UK REACH Regulation

	TII	KALFLEX TSC plus		
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Worker DNEI	L, long-term	dermal	systemic	0,065 mg/kg bw/day
Consumer DI	NEL, long-term	inhalation	systemic	0,057 mg/m³
Consumer DI	NEL, long-term	dermal	systemic	0,033 mg/kg bw/day
Consumer DI	NEL, long-term	oral	systemic	0,033 mg/kg bw/day
919-30-2	3-aminopropyltriethoxysilane			
Worker DNEI	L, long-term	inhalation	systemic	59 mg/m³
Worker DNEI	L, acute	inhalation	systemic	59 mg/m³
Worker DNEI	L, long-term	dermal	systemic	8,3 mg/kg bw/day
Worker DNEI	L, acute	dermal	systemic	8,3 mg/kg bw/day
Consumer DI	NEL, long-term	inhalation	systemic	17,4 mg/m³
Consumer DI	NEL, acute	inhalation	systemic	17,4 mg/m <sup>3</sup>
Consumer DI	NEL, long-term	dermal	systemic	5 mg/kg bw/day
Consumer DI	NEL, acute	dermal	systemic	5 mg/kg bw/day
PNEC value	25	·	·	·
CAS No	Substance			
Environmenta	al compartment			Value
37859-55-5	O,O',O''-(methylsilylidyne)trioxime 2-pentano	ne		
Freshwater				0,1 mg/l
Marine water				0,01 mg/l
Freshwater sediment				0,569 mg/kg
Marine sedim	nent			0,057 mg/kg
Micro-organis	sms in sewage treatment plants (STP)			2,15 mg/l
Soil				0,044 mg/kg
58190-62-8	2-pentanone,O,O',O"-(ethenylsilylidyne)trioxi	me		
Freshwater				0,103 mg/l
Freshwater (i	ntermittent releases)			0,586 mg/kg
Marine water				0,01 mg/l
Marine water	(intermittent releases)			0,059 mg/kg
Micro-organis	sms in sewage treatment plants (STP)			2,22 mg/l
919-30-2	3-aminopropyltriethoxysilane			·
Freshwater				0,33 mg/l
Freshwater (i	ntermittent releases)			3,3 mg/l
Marine water				0,033 mg/l
Freshwater s	ediment			1,2 mg/kg
Marine sedim	nent			0,12 mg/kg
Micro-organis	sms in sewage treatment plants (STP)			13 mg/l
Soil				0,05 mg/kg

## Additional advice on limit values

To date, no national critical limit values exist.

## 8.2. Exposure controls

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#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation.

#### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). BS/EN 166

## Hand protection

Wear suitable gloves. Suitable material: FKM (fluororubber). - Thickness of glove material: 0,4 mm Breakthrough time >= 8 h Butyl rubber. - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm Breakthrough time >= 8 h PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm Breakthrough time  $\geq 8$  h The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it. Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

#### Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

#### **Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:

-exceeding exposure limit values

-Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

#### **Environmental exposure controls**

Do not allow uncontrolled discharge of product into the environment.

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

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

Physical state: Colour:	liquid, Paste various
Odour:	characteristic
Changes in the physical state	
Melting point/freezing point:	

not determined

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Boiling point or initial boiling point and boiling range:	not determined	
Sublimation point:	not determined	
Softening point:	not determined	
Pour point:	not determined	
Flash point:	not determined	
Explosive properties none		
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Auto-ignition temperature:	not determined	
Self-ignition temperature		
Gas:	not determined	
Decomposition temperature:	not determined	
pH-Value:	not determined	
Viscosity / dynamic:	not determined	
Viscosity / kinematic:	not determined	
Flow time:	not determined	
Water solubility:	not determined	
Solubility in other solvents not determined		
Partition coefficient n-octanol/water:	SECTION 12: Ecological information	
Vapour pressure:	not determined	
Density (at 20 °C):	1,29 g/cm³	
Relative vapour density:	not determined	
9.2. Other information		
Information with regard to physical hazard classes Sustaining combustion:	Not sustaining combustion	
Oxidizing properties none		
Other safety characteristics		
Solvent separation test:	not determined	
Solvent content:	not determined	
Solid content:	not determined	
Evaporation rate:	not determined	
Further Information		
No information available.		
SECTION 10: Stability and reactivity		

## 10.1. Reactivity

No information available.

## 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

## 10.3. Possibility of hazardous reactions

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Refer to chapter 10.5.

## 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

### 10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

## 10.6. Hazardous decomposition products

Does not decompose when used for intended uses. Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

## **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Toxicocinetics, metabolism and distribution

No data available.

#### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
37859-55-5	O,O',O''-(methylsilylid	dyne)trioxime 2	-pentanone			
	oral	LD50 mg/kg	1234	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	> 1782	Rat	ECHA Dossier	
58190-62-8	2-pentanone,O,O',O'	'-(ethenylsilylid	yne)trioxime			
	oral	LD50 mg/kg	1133	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	>2000	Rat	ECHA Dossier	
919-30-2	3-aminopropyltrietho	xysilane				
	oral	LD50 mg/kg	1490	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	4075	Rabbit	ECHA Dossier	

#### Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

#### Sensitising effects

May cause an allergic skin reaction. (3-aminopropyltriethoxysilane)

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Specific effects in experiment on an animal

No data available.

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## 11.2. Information on other hazards

Endocrine disrupting properties

No data available.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

The product has not been tested.

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method	
37859-55-5	O,O',O"-(methylsilylidyne)	O,O',O"-(methylsilylidyne)trioxime 2-pentanone						
	Acute fish toxicity	LC50 mg/l	> 113	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA Dossier		
	Acute algae toxicity	ErC50	100 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA Dossier		
	Acute crustacea toxicity	EC50 mg/l	> 113	48 h	Daphnia magna	ECHA Dossier		
58190-62-8	2-pentanone,O,O',O"-(eth	enylsilylidy	ne)trioxime					
	Acute fish toxicity	LC50 mg/l	> 117	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA Dossier		
	Acute algae toxicity	ErC50	103 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA Dossier		
	Acute crustacea toxicity	EC50 mg/l	> 117	48 h	Daphnia magna	ECHA Dossier		
	Algae toxicity	NOEC	37 mg/l	3 d	Pseudokirchneriella subcapitata	ECHA Dossier		
919-30-2	3-aminopropyltriethoxysilane							
	Acute fish toxicity	LC50 mg/l	> 934	96 h	Danio rerio	Study report (1994)	OECD Guideline 203	
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Desmodesmus subspicatus	Study report (1994)	EU Method C.3	
	Acute crustacea toxicity	EC50	331 mg/l	48 h	Daphnia magna	Study report (1993)	OECD Guideline 202	

## 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
919-30-2	3-aminopropyltriethoxysilane			
	EU Method C.4-A	67%	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			

## 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

## Partition coefficient n-octanol/water

CAS No	Chemical name			Log Pow		
37859-55-5	O,O',O"-(methylsilylidyne)trioxime 2-pentanone			1,25		
919-30-2	3-aminopropyltriethoxysilane			1,7		
BCF						
CAS No	Chemical name	BC	CF	Species	Source	

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919-30-2	919-30-2 3-aminopropyltriethoxysilane		Cyprinus carpio	Other company data (	
<u>12.4. Mobilit</u> No da	<mark>y in soil</mark> ata available.				

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture (>0,1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No data available.

#### Further information

Do not allow to enter into surface water or drains.

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

#### 13.1. Waste treatment methods

### **Disposal recommendations**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

#### List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

#### List of Wastes Code - used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

#### List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

#### **SECTION 14: Transport information**

### Land transport (ADR/RID)

14.1. UN number or ID 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.	
Inland waterways transport (ADN)		
14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.	

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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.
Aarine transport (IMDG)	
14.1. UN number or ID 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:	-
Air transport (ICAO-TI/IATA-DGR)	
<u>14.1. UN number or ID number:</u>	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of these transport regulations.
14.4. Packing group:	-
4.5. Environmental hazards	
ENVIRONMENTALLY HAZARDOUS:	No
4.6. Special precautions for user	
Refer to section 6-8	
14.7. Maritime transport in bulk according to not relevant	o IMO instruments
14.7. Maritime transport in bulk according to not relevant SECTION 15: Regulatory information	
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulation</li> </ul>	o IMO instruments lations/legislation specific for the substance or mixture
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulatory information</li> </ul>	lations/legislation specific for the substance or mixture
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulatory information EU regulatory information Restrictions on use (REACH, annex XVII):</li> </ul>	lations/legislation specific for the substance or mixture
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulatory information</li> <li>Restrictions on use (REACH, annex XVII): Entry 3</li> </ul>	lations/legislation specific for the substance or mixture
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulatory information</li> <li>Restrictions on use (REACH, annex XVII): Entry 3</li> <li>2010/75/EU (VOC):</li> </ul>	lations/legislation specific for the substance or mixture No information available.
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulatory information Restrictions on use (REACH, annex XVII): Entry 3 2010/75/EU (VOC): 2004/42/EC (VOC):</li> </ul>	lations/legislation specific for the substance or mixture No information available. No information available.
<ul> <li>I4.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>I5.1. Safety, health and environmental regulatory information</li> <li>Restrictions on use (REACH, annex XVII): Entry 3</li> <li>2010/75/EU (VOC):</li> <li>2004/42/EC (VOC):</li> <li>Information according to 2012/18/EU</li> </ul>	lations/legislation specific for the substance or mixture No information available.
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulatory information</li> <li>Restrictions on use (REACH, annex XVII): Entry 3</li> <li>2010/75/EU (VOC):</li> <li>2004/42/EC (VOC):</li> <li>Information according to 2012/18/EU (SEVESO III):</li> </ul>	lations/legislation specific for the substance or mixture No information available. No information available.
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<ul> <li>A.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>I.5.1. Safety, health and environmental regulatory information</li> <li>Restrictions on use (REACH, annex XVII): Entry 3</li> <li>2010/75/EU (VOC):</li> <li>2004/42/EC (VOC):</li> <li>Information according to 2012/18/EU (SEVESO III):</li> <li>Additional information</li> <li>Safety Data Sheet according to UK-RE The mixture is classified as hazardous UK REACH Appendix XVII, No (mixture National regulatory information</li> </ul>	Iations/legislation specific for the substance or mixture         No information available.         No information available.         Not subject to 2012/18/EU (SEVESO III)         EACH Regulation         according to regulation (EC) No 1272/2008 [CLP].         e): 3
<ul> <li>14.7. Maritime transport in bulk according to not relevant</li> <li>SECTION 15: Regulatory information</li> <li>15.1. Safety, health and environmental regulation</li> <li>EU regulatory information</li> <li>Restrictions on use (REACH, annex XVII): Entry 3</li> <li>2010/75/EU (VOC):</li> <li>2004/42/EC (VOC):</li> <li>Information according to 2012/18/EU (SEVESO III):</li> <li>Additional information</li> <li>Safety Data Sheet according to UK-RE The mixture is classified as hazardous UK REACH Appendix XVII, No (mixture National regulatory information</li> <li>Employment restrictions:</li> </ul>	Iations/legislation specific for the substance or mixture         No information available.         No information available.         Not subject to 2012/18/EU (SEVESO III)         EACH Regulation         according to regulation (EC) No 1272/2008 [CLP].         e): 3         Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
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Rev. 1.0; Initial release: 28.01.2022

## Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement

according to UK REACH Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method

## Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H312	Harmful in contact with skin

H312	Harmful in contact with skin.				
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- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

## **Further Information**

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

according to UK REACH Regulation

## TIKALFLEX TSC plus

Revision date: 27.01.2022

Product code:

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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.)