# **TECHNORAP-2** Part B



Revision Date: 03.03.2025 Date of last issue: 08.12.2022 Version 6.0

Print Date 03.03.2025

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

### 1.1 Product identifier

Trade name

: TECHNORAP-2 Part B

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

Product use

: Adhesive

### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Italia S.p.A.
		Via Luigi Einaudi 6
		20068 Peschiera Borromeo
Telephone	:	+39 02 54778 111
Telefax	:	+39 02 54778 119
E-mail address of person responsible for the SDS	:	EHS@it.sika.com

### 1.4 Emergency telephone number

CAV Napoli – Azienda Ospedaliera A. Cardarelli - Tel. 0817472870 CAV Firenze - Az.Osp.Careggi U.O. Tossicologia Medica - Tel. 0557947819 CAV Pavia - Centro Naz.le d'informazione Tossicologica - Tel. 038224444 CAV Milano - Ospedale Niguarda Ca' Grande - Tel. 0266101029 CAV Bergamo - Azienda Ospedaliera Papa Giovanni XXIII - Tel. 800883300 CAV Roma - Policlinico Umberto I - Tel. 0649978000 CAV Roma - Policlinico Agostino Gemelli - Tel. 063054343 CAV Foggia - Az. Osp. Universitaria Riuniti - Tel. 0881732326 CAV Roma - Ospedale Pediatrico Bambino Gesù - Tel. 0668593726 CAV Verona - Az. Osp. Universitaria di Borgo Trento - Tel. 800011858

Warning

:

# **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

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

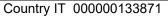
Skin sensitisation, Category 1 Long-term (chronic) aquatic hazard, Category 3 H317: May cause an allergic skin reaction. H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

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

Hazard pictograms

Signal word



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

# **TECHNORAP-2** Part B



Revision Date: 03.03.2025 Date of last issue: 08.12.2022		Version 6.0	Print Date 03.03.2025
Hazard statements :		ay cause an allergic skin reaction. armful to aquatic life with long lastin	g effects.
Precautionary statements :	P101	If medical advice is needed, have container or label at hand.	e product
	P102	Keep out of reach of children.	
	Prevention:		
	P261	Avoid breathing mist or vapours.	
	P273	Avoid release to the environmen	t.
	P280	Wear protective gloves.	
	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) 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.

Contains a biocide in order to protect the product. Active ingredient: reaction mass of 5-chloro-2methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 55965-84-9, 1,2-benzisothiazol-3(2H)-one (BIT), 2634-33-5. Please use treated articles responsibly.

# **TECHNORAP-2** Part B

Revision Date: 03.03.2025 Date of last issue: 08.12.2022 Version 6.0

Print Date 03.03.2025

# 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 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	>= 0,0025 - < 0,025



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

# **TECHNORAP-2** Part B

Revision Date: 03.03.2025 Date of last issue: 08.12.2022 Version 6.0



e of last issue: 08.12.2022			
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	>= 0,0025 - < 0,025
		M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		Acute toxicity esti- mate Acute oral toxicity: 125 mg/kg Acute inhalation tox-	
		icity (dust/mist): 0,27 mg/l Acute dermal toxicity: 311 mg/kg	

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

# **TECHNORAP-2** Part B



Revision Date: 03.03.2025 Date of last issue: 08.12.2022	Version 6.0	)	Print Date 03.03.2025
	Version 6.0	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 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 %	Print Date 03.03.2025
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		>= 0,0015 % 	
		Eye Dam. 1; H318 >= 0,6 %	

For explanation of abbreviations see section 16.



Revision Date: 03.03.2025 Date of last issue: 08.12.2022 Version 6.0

Print Date 03.03.2025

# **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.
lf inhaled	d :	Move to fresh air. Consult a physician after significant exposure.
In case o	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 o	of eye contact :	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
lf swallo	wed :	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 imp	portant symptoms and	effects, both acute and delayed
Symptor	ns :	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 Indicatio	-	dical attention and special treatment needed Treat symptomatically.
		,, ,

### **SECTION 5: Firefighting measures**

<b>5.1 Extinguishing media</b> 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 No hazardous combustion products are known

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# **TECHNORAP-2** Part B

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Revision Date: 03.03.2025 Date of last issue: 08.12.2022		Version 6.0	Print Date 03.03.2025
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 n	neasures	
6.1 Personal precautions, protecti	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 If the product contaminates rivers and lakes or dr respective authorities.	
6.3 Methods and material for conta	tai	nment 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	:	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>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.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>	
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	
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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# **TECHNORAP-2** Part B



Revision Date: 03.03.2025 Date of last issue: 08.12.2022		Version 6.0	Print Date 03.03.2025
		smoke. Wash hands before breaks and	at the end of workday.
7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry an place. Containers which are opened mu sealed and kept upright to prevent leaks ance with local regulations.	ist 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 use.	a Sheet 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

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 additionally recommended for mixing and stirring work.Respiratory protection:No special measures required.Environmental exposure controls:Do not flush into surface water or sanitary sewer system.	Eye/face protection Hand protection		Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water 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.
Environmental exposure controls			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.
General advice : Do not flush into surface water or sanitary sewer system.	Environmental exposure cor	ntro	bls
	General advice	:	Do not flush into surface water or sanitary sewer system.



Revision Date: 03.03.2025 Date of last issue: 08.12.2022

**TECHNORAP-2** Part B

Version 6.0

Print Date 03.03.2025

If the product contaminates rivers and lakes or drains inform respective authorities.

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

#### 9.1 Information on basic physical and chemical properties Physical state : liquid Colour : white Odour very faint Melting point/ range / Freez-No data available : ing point Boiling point/boiling range No data available : Flammability (solid, gas) No data available : Upper/lower flammability or explosive limits Upper explosion limit / Up- : Not applicable per flammability limit Lower explosion limit / : Not applicable Lower flammability limit Flash point Not applicable Auto-ignition temperature Not applicable Decomposition temperature No data available · pН ca. 9 (20 °C) : Concentration: 100 % Viscosity Viscosity, kinematic > 20,5 mm2/s (40 °C) : Solubility(ies) Water solubility soluble Partition coefficient: n-No data available octanol/water 23 hPa Vapour pressure : Density ca. 1 g/cm3 (20 °C) Relative vapour density No data available : Particle characteristics No data available :

# **TECHNORAP-2** Part B

Revision Date: 03.03.2025

Date of last issue: 08.12.2022	Version 0.0	
9.2 Other information		
No data available		
SECTION 10: Stability and	reactivity	
10.1 Reactivity		
No dangerous reaction kno	wn under conditions of normal use.	
10.2 Chemical stability		
The product is chemically s	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	on products	
	: No hazardous decomposition products are kn	iown.

Version 6.0

# **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:

Acute oral toxicity	: Acute toxicity estimate: 450 mg/k Method: Acute toxicity estimate a 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 a No. 1272/2008	
	No. 1272/2008 LC50: 0,21 mg/l	



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

**TECHNORAP-2** Part B



Revision Date: 03.03.2025 Date of last issue: 08.12.2022	Version 6.0	Print Date 03.03.2025
	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 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 dermal toxicity :	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according No. 1272/2008	to Regulation (EC)
reaction mass of 5-chloro-2-m	ethyl-2H-isothiazol-3-one and 2-methyl-2	H-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 irritaten Not classified due to lack of data		
Respiratory or skin sensitisati	on	
<b>Skin sensitisation</b> May cause an allergic skin react	ion.	
<b>Respiratory sensitisation</b> Not classified due to lack of data		
Components:		
<b>1,2-benzisothiazol-3(2H)-one(</b> Assessment    :	BIT): May cause sensitisation by skin contact.	
Germ cell mutagenicity Not classified due to lack of data		
<b>Carcinogenicity</b> Not classified due to lack of data		
<b>Reproductive toxicity</b> Not classified due to lack of data		

# **TECHNORAP-2** Part B

Revision Date: 03.03.2025 Date of last issue: 08.12.2022

Version 6.0

#### 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**

Not classified due to lack of data.

### 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 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
2-octyl-2H-isothiazole-3-one	<b>(O</b>	IT):
M-Factor (Acute aquatic tox- icity)	:	100
M-Factor (Chronic aquatic toxicity)	:	100
reaction mass of 5-chloro-2-	me	thyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):
M-Factor (Acute aquatic tox- icity)	:	100
M-Factor (Chronic aquatic toxicity)	:	100



# **TECHNORAP-2** Part B

Revision Date: 03.03.2025

Date of last issue: 08.12.2022	Version 0.0	
<b>12.2 Persistence and degradability</b> No data available		
<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 asse	ssment	
Product:		
Assessment :	This substance/mixture contains no componer to be either persistent, bioaccumulative and to very persistent and very bioaccumulative (vPv 0.1% or higher.	xic (PBT), or
12.6 Endocrine disrupting propertie	95	
Product:		
Assessment :	The substance/mixture does not contain comp ered to have endocrine disrupting properties a REACH Article 57(f) or Commission Delegated (EU) 2017/2100 or Commission Regulation (E levels of 0.1% or higher.	ccording to d regulation
12.7 Other adverse effects		
<b>Product:</b> Additional ecological infor- : mation	An environmental hazard cannot be excluded unprofessional handling or disposal. Harmful to aquatic life with long lasting effects	

Version 6.0

# **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Product

bt	:	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.
		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.



# **TECHNORAP-2** Part B



Revision Date: 03.03.2025 Date of last issue: 08.12.2022 Version 6.0

Print Date 03.03.2025

# **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
11 E Environmentel herorde		

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

### **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/legis	slation	n specific for the substance or mix	ture
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable	

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
	- excluded from the regulation, and/or

# **TECHNORAP-2** Part B



Revision Date: 03.03.2025 Version 6.0 Print Date 03.03.2025 Date of last issue: 08.12.2022 - exempted from the registration. REACH - Restrictions on the manufacture, placing on Conditions of restriction for the folthe 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 t (Annex XIV) Regulation (EU) No 2024/590 on substances that de-Not applicable plete the ozone layer Regulation (EU) 2019/1021 on persistent organic pollu-Not applicable 2 tants (recast) Regulation (EU) No 649/2012 of the European Parlia-1 Not applicable ment and the Council concerning the export and import of dangerous chemicals

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Volatile organic compounds	:	Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties
		Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0,15% w/w

### Other regulations:

Legislative Decree April 9,2008, 81 (Implementation of Article 1 of the Law of 3 August 2007, n. 123, concerning the protection of health and safety in the workplace.) and subsequent amendments

Legislative Decree April 3, 2006, n.152, (Environmental standards) and subsequent amendments

Legislative Decree February 6, 2009, 21 (Regulations for the execution of the provisions laid down in Regulation (EC) no. 648/2004 on detergents)

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations,

# **TECHNORAP-2** Part B

Revision Date: 03.03.2025 Date of last issue: 08.12.2022

where applicable.

# 15.2 Chemical safety assessment

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

Version 6.0

# **SECTION 16: Other information**

# Full text of H-Statements

Full text of H-Statements		
H301	:	Toxic if swallowed.
H302	:	Harmful if swallowed.
H310	:	Fatal in contact with skin.
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.
Full text of other abbreviati	ions	
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
PBT	:	Persistent, bioaccumulative and toxic
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-



# **TECHNORAP-2** Part B

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Revision Date: 03.03.2025 Date of last issue: 08.12.2022	Version 6.0	Print Date 03.03.2025
SVHC vPvB	<ul> <li>cals (REACH), establishing a European Chemicals Agency</li> <li>Substances of Very High Concern</li> <li>Very persistent and very bioaccumulative</li> </ul>	
Further information		

Classification of the mixture:		Classification procedure:
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	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 !

IT / EN