Trade name: Tinosorb M

Substance number: 272895

Version: 3 / CH Replaces Version: 2 / CH Date revised: 08.06.2021

HANSELER

Print date: 08.06.21

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

#### 1.1. Product identifier

Tinosorb M Item No. 27289500 Substance / product identification \*\*\*

INCI

METHYLENE BIS-BENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL (NANO)

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

#### Use of the substance/preparation

active substance for cosmetic products

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

#### Address/Manufacturer

Hänseler AG Industriestrasse 35 9100 Herisau Telephone no. 0041 (0)71 353 58 58 E-mail address of sdb@haenseler.ch person responsible for this SDS

#### 1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

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

#### 2.1. Classification of the substance or mixture

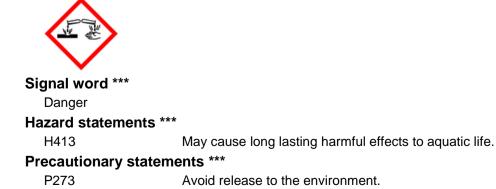
#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008) Aquatic Chronic 4 H413 The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

#### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

Hazard pictograms \*\*\*



P501.3 Disposal in compliance with local and national regulations.

		No 190			SWISS PHARMA
Trade name: Tinosorb M					
Substance number: 272895	Version:	3 / CH			Date revised: 08.06.202
	Replace	s Versic	n: 2/CH	ł	Print date: 08.06.
Hazardous compone	ent(s) to be indicated or	n lahel	(Regula	tion (EC) N	o 1272/2008)
contains	D-Glucopyranose, oligo Oligomeric, C10-16(even	omers, d	ecyl octyl	glycosides;	•
SECTION 3: Compos	sition/information	on ing	gredie	<u>nts ***</u>	
3.2. Mixtures					
Hazardous ingredier	nts ***				
CAS No. EINECS no.	<b>2H-benzotriazol-2-yl)-4-(1</b> 103597-45-1 403-800-1	,1,3,3-te	tramethy	/lbutyl)phen	ol)
Registration no. Concentration Classification (Regul	01-0000015344-75 >= 50 ation (EC) No. 1272/2008) Aquatic Chronic 4	H413		%	
<b>D-Glucopyranose, o</b> CAS No.	ligomers, decyl octyl glyc 68515-73-1	osides			
EINECS no.	500-220-1				
Registration no. Concentration	01-2119488530-36 >= 3	<	10	%	
	ation (EC) No. 1272/2008) Eye Dam. 1	H318	10	70	
CAS No. EINECS no. Registration no. Concentration	ligomeric, C10-16(even nu 110615-47-9 600-975-8 01-21194849418-23 >= 3 ation (EC) No. 1272/2008) Skin Irrit. 2 Eye Dam. 1	<b> </b>	<b>d) Alkyl (</b> 10	Slycosides %	
Concentration limits	(Regulation (EC) No. 1272/ Skin Irrit. 2 H315 Eye Dam. 1 H318	> 3 >=	0 % 12 < 30 %	6	
COTION 4. First sis	Eye Dam. 1 H318	) > 3	0 %		
SECTION 4: First aid					
4.1. Description of first General information	aid measures				
	ed clothing and shoes imme	diately			
After inhalation		alatory.			
	v into fresh air and keep him	n calm.			
After skin contact					
Wash off immediatel	y with soap and water.				
After eye contact					
• •	sh the eyes thoroughly with	n water (	15 min.).	Summon a c	loctor immediately.
After ingestion					
•	give plenty of water to drin	4			



Trade name: Tinosorb M

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## 4.3. Indication of any immediate medical attention and special treatment needed

#### Hints for the physician / treatment

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Water spray jet, Foam, Dry chemical extinguisher, Carbon dioxide

## **5.2. Special hazards arising from the substance or mixture** In the event of a fire, toxic and combustible gases can be formed. Carbon monoxide (CO); Carbon dioxide (CO2)

#### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

#### Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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

#### **6.1. Personal precautions, protective equipment and emergency procedures** Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8.

#### 6.2. Environmental precautions

Retain and dispose of contaminated wash water. Do not discharge into the drains/surface waters/groundwater.

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

For large amounts: take up with appropriate instrument and dispose. For tall amounts: Take up mechanically and collect in suitable container for disposal.

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

#### 7.1. Precautions for safe handling

Advice on safe handling

No special requirements.

#### Advice on protection against fire and explosion

No special measures required.

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

#### Recommended storage temperature

Value	0.0	-	40
Requirements for storage r	ooms and vessel	s	
Keep container tightly closed	I in a well-ventilated	place.	

#### Storage classes

Storage class according to TRGS 510	13	
Storage category (Switzerland)	8	

Non- combustible solids Caustic and corrosive substances

°C

#### Further information on storage conditions

Do not store at temperatures below 5 °C. Protect from frost. Keep at temperature not exceeding 30 °C.

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CTION 8: Exposure co	<u>ontrois</u> /						
2. Exposure controls							
General protective and hy	vaiene me	asures					
General industrial hygiene	•		othina s	eparately.			
Respiratory protection			<b>J</b>				
Not necessary.							
Hand protection							
Chemical resistant gloves							
Appropriate Material	nitrile rut	ber - NBR					
Material thickness		-	mm				
Breakthrough time			min				
Appropriate Material	Polychlo	•					
Material thickness Breakthrough time			mm min				
Appropriate Material	> 4 PVC	100					
Material thickness		).7	mm				
Breakthrough time			min				
Eye protection							
Safety glasses with side pr	otection shi	eld					
Body protection							
••	isual in the	chemical ir	dustry				
apron; Boots; Clothing as u	usual in the	chemical ir	dustry.				
apron; Boots; Clothing as u			-	S			
apron; Boots; Clothing as u	<u>d chemi</u>	cal pro	pertie				
apron; Boots; Clothing as u CTION 9: Physical and . Information on basic pl	<mark>d chemi</mark> nysical ar	<u>cal pro</u> nd chemi	pertie				
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apron; Boots; Clothing as u CTION 9: Physical and Information on basic physical Form Colour Odour pH value Value Temperature Melting point Remarks Initial boiling point and be Value Flash point Value Remarks Vapour pressure Value Temperature Source Density Value	d chemi hysical ar Dispe white chara Not a oiling rang appr. > Not a appr.	cal pro d chemi ersion acteristic 10.5 25 pplicable 100 101 pplicable 23 20 ated value 1.04	oertie cal pro ℃ ℃	12	°C mbar		

-	with regulation (EC) No 1907/2	2000		HÄNSELER C
Trade name: Tinosorb M				
Substance number: 272895	Version: 3 / CH			Date revised: 08.06.2021
	Replaces Version:	2 / CH		Print date: 08.06.2
Decomposition temperat	ure			
Value	> 200		°C	
Viscosity				
dynamic				
Value	200 to	1000	mPa.s	
Temperature Method	25 °C DIN 53019			
Explosive properties	DIN 33019			
evaluation	20			
	no			
Oxidising properties evaluation	None known			
SECTION 10. Stability a	nd roactivity			
SECTION 10: Stability a	<u>Ild leactivity</u>			
10.1. Reactivity No decomposition if stored	d and applied as directed.			
<b>10.2. Chemical stability</b> No decomposition if stored	d and applied as directed.			
<ul> <li>10.3. Possibility of hazardo No decomposition if store</li> <li>10.4. Conditions to avoid</li> </ul>				
	ed storage and handling conditio	ns (see se	ection 7).	
<b>10.5. Incompatible materia</b> strong acids, Alkalies, Oxi				
<b>10.6. Hazardous decompos</b> No hazardous decomposi	sition products tion products known when handl	ed accord	ing to presc	ibed instructions.
SECTION 11: Toxicolog	ical information			
11.1. Information on toxico	logical effects			
Skin corrosion/irritation				
Species	rabbit			
evaluation Remarks	non-irritant No effect of irritation known.			
Serious eye damage/irrit				
Species	rabbit			
evaluation	non-irritant			
Method	OECD 405			
Remarks	No effect of irritation known			
Sensitization				
evaluation	non-sensitizing			
SECTION 12: Ecologica	l information			
12.1. Toxicity				
Figh toxicity				
Fish toxicity	zebra fish (Brachydanio rerio			

Safety data sheet in accordance	e with reg	julation (E	C) No 1907/	2006	HANSELER
Trade name: Tinosorb M					
Substance number: 272895		Versi	on: 3/CH		Date revised: 08.06.2021
		Repla	aces Version	: 2/CH	Print date: 08.06.21
Daphnia toxicity					
Species	Dapl	hnia magna	а		
EC50	>	50		mg/l	
Algae toxicity					
EC50	>	4		mg/l	
Bacteria toxicity					
EC50	>	100		mg/l	
Duration of exposure		3	h		

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Disposal in compliance with local and national regulations.

#### Disposal recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed off as product waste.

## **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

## SECTION 15: Regulatory information \*\*\*

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

#### Water Hazard Class (Germany) \*\*\*

Water Hazard Class	WGK 3
(Germany)	
Remarks	Derivation of WGK according to Annex 1 No. 5.2 AwSV

### **SECTION 16: Other information**

#### Hazard statements listed in Chapter 3

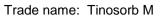
H315	Causes skin irritation.
H318	Causes serious eye damage.
H413	May cause long lasting harmful effects to aquatic life.

#### **CLP** categories listed in Chapter 3

Aquatic Chronic 4	Hazardous to the aquatic environment, chronic, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Skin Irrit. 2	Skin irritation, Category 2

#### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\* This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.



Substance number: 272895

Version: 3 / CH Replaces Version: 2 / CH



Date revised: 08.06.2021 Print date: 08.06.21