

Trade name: Swiss Ionin grün/MiaPharm

Substance number: 335335

Version: 1 / CH

Date revised: 07.01.2019

Replaces Version: - / CH

Print date: 07.01.19

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

1.1. Product identifier

Swiss Ionin grün/MiaPharm

Item No. 33533500

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

Use of the substance/preparation

Active pharmaceutical substance, active substance for cosmetic products

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9101 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

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Citric acid, monohydrate

CAS No. 5949-29-1

EINECS no. 201-069-1

Concentration >= 1 < 10 %

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

Eye Irrit. 2 H319

Further ingredients

Water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 50 %

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Advice: [4]

Glycerol

CAS No.	56-81-5				
EINECS no.	200-289-5				
Concentration	>=	10	<	25	%

Advice: [4]

Hydroxylapatite (Ca₅(OH)(PO₄)₃)

CAS No.	1306-06-5				
EINECS no.	215-145-7				
Concentration	>=	1	<	10	%

Advice: [4]

Sodium chloride

CAS No.	7647-14-5				
EINECS no.	231-598-3				
Concentration	>=	1	<	10	%

Advice: [4]

trisodium phosphate hydrat

CAS No.	10101-89-0				
EINECS no.	231-509-8				
Concentration	>=	1	<	10	%

Advice: [4]

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

H315
H319
H335

Magnesium hydrogenorthophosphate

CAS No.	7757-86-0				
EINECS no.	231-823-5				
Concentration			<	1	%

Advice: [4]

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts

CAS No.	147170-44-3				
EINECS no.	931-333-8				
Registration no.	01-2119489410-39				
Concentration			<	1	%

[4]

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

Eye Dam. 1	H318
Aquatic Chronic 3	H412

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	>= 4 < 10 %
Eye Dam. 1	>= 10 %

water

CAS No.	7732-18-5				
EINECS no.	231-791-2				
Concentration			<	1	%

Advice: [4]

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Ethanol

CAS No. 64-17-5
 EINECS no. 200-578-6
 Concentration < 1 %
 Advice: [4]
 Classification (Regulation (EC) No. 1272/2008)
 Flam. Liq. 2 H225

Magnesium peroxide

CAS No. 1335-26-8
 EINECS no. 215-627-7
 Concentration < 1 %
 Advice: [4]
 Classification (Regulation (EC) No. 1272/2008)
 Ox. Sol. 2 H272

Magnesium carbonate

CAS No. 546-93-0
 EINECS no. 208-915-9
 Concentration < 1 %
 Advice: [4]

L-menthol

CAS No. 2216-51-5
 EINECS no. 218-690-9
 Concentration < 1 %
 Advice: [4]
 Classification (Regulation (EC) No. 1272/2008)
 Skin Irrit. 2 H315
 Eye Irrit. 2 H319

trans-menthone

CAS No. 89-80-5
 EINECS no. 201-941-1
 Concentration < 1 %
 Advice: [4]
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H302
 Aquatic Chronic 3 H412

Sodium nitrite

CAS No. 7632-00-0
 EINECS no. 231-555-9
 Concentration < 1 %
 Advice: [4]
 Classification (Regulation (EC) No. 1272/2008)
 Ox. Sol. 3 H272
 Acute Tox. 3 H301
 Eye Irrit. 2 H319
 Aquatic Acute 1 H400

1,8-Cineole

CAS No. 470-82-6
 EINECS no. 207-431-5

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Concentration < 1 %

Advice: [4]

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

Flam. Liq. 3 H226

Skin Sens. 1B H317

Pyrogallol

CAS No. 87-66-1

EINECS no. 201-762-9

Concentration < 1 %

Advice: [4]

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

Acute Tox. 4 H302

Acute Tox. 4 H312

Acute Tox. 4 H332

Muta. 2 H341

Aquatic Chronic 3 H412

L-menthyl acetate

CAS No. 2623-23-6

EINECS no. 220-076-0

Concentration < 1 %

Advice: [4]

isomenthone

CAS No. 491-07-6

EINECS no. 207-727-4

Concentration < 1 %

Advice: [4]

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

Skin Irrit. 2 H315

Skin Sens. 1 H317

4,5,6,7-tetrahydro-3,6-dimethylbenzofuran

CAS No. 494-90-6

EINECS no. 207-795-5

Concentration < 1 %

Advice: [4]

(+)-neomenthol

CAS No. 2216-52-6

EINECS no. 218-691-4

Concentration < 1 %

Advice: [4]

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

Skin Irrit. 2 H315

Dipentene

CAS No. 138-86-3

EINECS no. 205-341-0

Concentration < 1 %

[4]

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

Flam. Liq. 3 H226

Skin Irrit. 2 H315

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Skin Sens. 1	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	M = 1
Aquatic Chronic 1	M = 1

CLP Regulation (EC) No 1272/2008, Annex VI, Note C
 DSD Directive 67/548/EEC, Annex I, Note C

p-menth-4(8)-en-3-one

CAS No. 89-82-7

EINECS no. 201-943-2

Concentration	<	1	%
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Advice: [4]

p-menth-1-en-4-ol

CAS No. 562-74-3

EINECS no. 209-235-5

Concentration	<	1	%
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Advice: [4]

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

Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Irrit. 2	H319

Farnesol

CAS No. 4602-84-0

EINECS no. 225-004-1

Concentration	<	1	%
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Advice: [4]

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

Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Irrit. 2	H319

(1S)-alpha-Pinene

CAS No. 7785-26-4

EINECS no. 232-077-3

Concentration	<	1	%
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Advice: [4]

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

Flam. Liq. 3	H226
Asp. Tox. 1	H304
Skin Irrit. 2	H315
Skin Sens. 1	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

(1S)-beta-Pinene

CAS No. 18172-67-3

EINECS no. 242-060-2

Concentration	<	1	%
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[4]

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

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Flam. Liq. 3	H226
Asp. Tox. 1	H304
Skin Irrit. 2	H315
Skin Sens. 1	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	M = 1
Aquatic Chronic 1	M = 1

3,7-Dimethyl-1,6-octadien-3-ol

CAS No. 78-70-6

EINECS no. 201-134-4

Concentration < 1 %

Advice: [4]

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

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1B	H317

Fluorine

CAS No. 7782-41-4

EINECS no. 231-954-8

Concentration < 1 %

[4]

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

Ox. Gas 1	H270
Press. Gas	
Acute Tox. 2	H330
Skin Corr. 1A	H314

Iodine

CAS No. 7553-56-2

EINECS no. 231-442-4

Registration no. 01-2119485285-30-XXXX

Concentration < 1 %

Advice: [4]

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

Acute Tox. 4	H312
Acute Tox. 4	H332
Aquatic Acute 1	H400

Methanol

CAS No. 67-56-1

EINECS no. 200-659-6

Registration no. 01-2119433307-44-XXXX

Concentration < 1 %

Advice: [4]

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

Flam. Liq. 2	H225
Acute Tox. 3	H301
Acute Tox. 3	H311
Acute Tox. 3	H331
STOT SE 1	H370

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Concentration limits (Regulation (EC) No. 1272/2008)

STOT SE 1 H370 >= 10

STOT SE 2 H371 >= 3 < 10

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No special measures necessary. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In general the product isn't skin irritating.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

After ingestion

By continuous complaints consult a physician.

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

Until now no symptoms known so far.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings, Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

No special measures required.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Not required.

6.2. Environmental precautions

Dilute with lot of water.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

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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

Requirements for storage rooms and vessels

No special requirements.

Hints on storage assembly

Not required.

Storage classes

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

Non- combustible solids
Other solid hazardous substances
without hazardous
classification/labelling

Further information on storage conditions

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Glycerol

List	SUVA	
Type	MAK	
Value	50	mg/m ³
Short term exposure limit	100	mg/m ³

Pregnancy group: S; Status: 2017; Remarks: SSc; OAWKT AN

8.2. Exposure controls

General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Eye protection

Safety glasses

Body protection

Protective clothing

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Form	viscous liquid			
Colour	beige			
Flash point				
Value	°C			
Remarks	Not applicable			
Vapour pressure				
Remarks	Not applicable			
Density				
Value	1.1	to	1.2	g/ml
Viscosity				
Value	20	to	120	mPa.s

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks Not documented.

Acute oral toxicity (Components)

Sodium chloride

Species	rat		
LD50		3550	mg/kg

Ethanol

Species	rat		
LD50		7060	mg/kg
Source	Toxicology and Applied Pharmacology. Vol. 16, Pg. 718, 1970.		

Ethanol

Species	rat		
LD50		10470	mg/kg

Glycerol

Species	rat		
LD50		12600	mg/kg

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Glycerol

Species	rat		
NOAEL		1310	mg/kg

Acute dermal toxicity

Remarks	Not documented.
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Acute dermal toxicity (Components)**Sodium chloride**

Species	rabbit		
LD50	>	10000	mg/kg

Ethanol

Species	rabbit		
LD50		15800	mg/kg

Glycerol

Species	rabbit		
	>	10000	mg/kg

Acute inhalational toxicity

Remarks	Not documented.
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Acute inhalative toxicity (Components)**Sodium chloride**

Species	rat		
LC50	>	42000	mg/m ³
Duration of exposure		1	h

Ethanol

Species	rat		
LC50		30000	mg/m ³
Duration of exposure		4	h
Administration/Form	Vapors		

Skin corrosion/irritation

Remarks	None
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Serious eye damage/irritation

Remarks	None
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Sensitization

Remarks	None
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Subacute, subchronic, chronic toxicity

Remarks	None
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Mutagenicity

Remarks	None
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Mutagenicity (Components)**Glycerol**

evaluation	No mutagenicity in the Ames-test.
Remarks	Based on available data, the classification criteria are not met.

Glycerol

evaluation	No mutagenicity according to various in vitro tests.
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Reproductive toxicity

Remarks	None
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Carcinogenicity

Remarks	None
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Specific Target Organ Toxicity (STOT)

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Remarks not determined

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Remarks No data available.

Fish toxicity (Components)**Sodium chloride**

Species	Bluegill (<i>Lepomis macrochirus</i>)	
LC50	5840	mg/l
Duration of exposure	96	h

Glycerol

Species	Medi an	68100	mg/l
Duration of exposure	96	h	

Glycerol

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)	
LC50	54	g/l
Duration of exposure	96	h

Daphnia toxicity

Remarks No data available.

Daphnia toxicity (Components)**Sodium chloride**

Species	Daphnia	
NOEC	1500	mg/l
Duration of exposure	7	d

Sodium chloride

Species	Daphnia magna	
LC50	1661	mg/l
Duration of exposure	48	h

Glycerol

Species	Daphnia	
EC50	10	g/l

Algae toxicity

Remarks No data available.

Bacteria toxicity

Remarks No data available.

Bacteria toxicity (Components)**Glycerol**

Species	Pseudomonas putida	
EC5	> 10	g/l
Duration of exposure	16	h

12.2. Persistence and degradability**General information**

For this subsection there is no ecotoxicological data available on the product as such.

12.3. Bioaccumulative potential**General information**

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For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow) (Components)

Glycerol

log Pow

-1.76

Source

GESTIS-Stoffdatenbank

12.4. Mobility in soil

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.6. Other adverse effects

General information

For this subsection there is no ecotoxicological data available on the product as such.

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

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	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 (Germany) WGK 3

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information

Hazard statements listed in Chapter 3

H319 Causes serious eye irritation.

CLP categories listed in Chapter 3

Eye Irrit. 2 Eye irritation, Category 2

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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.