

Trade name: Swiss Ionin normal Gold/MiaPharm

Substance number: 335330

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 normal Gold/MiaPharm

Item No. 33533000

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]

Hydroxylapatite (Ca₅(OH)(PO₄)₃)

CAS No. 1306-06-5

EINECS no. 215-145-7

Concentration >= 1 < 10 %

Advice: [4]

Glycerol

CAS No. 56-81-5

EINECS no. 200-289-5

Concentration >= 1 < 10 %

Advice: [4]

water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration < 1 %

Advice: [4]

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

Sodium chloride

CAS No. 7647-14-5

EINECS no. 231-598-3

Concentration < 1 %

Advice: [4]

trisodium phosphate hydrat

CAS No. 10101-89-0

EINECS no. 231-509-8

Concentration < 1 %

Advice: [4]

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

H315

H319

H335

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

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

Eye Irrit. 2 >= 4 < 10 %

Eye Dam. 1 >= 10 %

Magnesium hydrogenorthophosphate

CAS No. 7757-86-0

EINECS no. 231-823-5

Concentration < 1 %

Advice: [4]

Magnesium carbonate

CAS No. 546-93-0

EINECS no. 208-915-9

Concentration < 1 %

Advice: [4]

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

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

Farnesol

CAS No. 4602-84-0

EINECS no. 225-004-1

Concentration < 1 %

Advice: [4]

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

Skin Irrit. 2 H315

Skin Sens. 1 H317

Eye Irrit. 2 H319

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)

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

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

STOT SE 1	H370	>= 10
STOT SE 2	H371	>= 3 < 10

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

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

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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.

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**

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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**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	1.10	to	1.20	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.

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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

Glycerol

Species	rat		
NOAEL		1310	mg/kg

Acute dermal toxicity

Remarks Not documented.

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.

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

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Duration of exposure 4 h
Administration/Form Vapors

Skin corrosion/irritation

Remarks None

Serious eye damage/irritation

Remarks None

Sensitization

Remarks None

Subacute, subchronic, chronic toxicity

Remarks None

Mutagenicity

Remarks None

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.

Reproductive toxicity

Remarks None

Carcinogenicity

Remarks None

Specific Target Organ Toxicity (STOT)

Remarks not determined

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

Remarks No data available.

Fish toxicity (Components)**Sodium chloride**

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

Glycerol

Medi 68100 mg/l
an
Duration of exposure 96 h

Glycerol

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

Daphnia toxicity

Remarks No data available.

Daphnia toxicity (Components)**Sodium chloride**

Species Daphnia

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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.
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Bacteria toxicity

Remarks	No data available.
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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**

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.

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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

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.