

Trade name: Rgs Gentianaviolett 0,5% in Wasser

Substance number: 180801

Version: 1 / CH

Date revised: 13.05.2016

Replaces Version: - / CH

Print date: 13.05.16

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

1.1. Product identifier

Rgs Gentianaviolett 0,5% in Wasser
Item No. 18080100

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

Use of the substance/preparation

Reagent for analyses, In Vitro Diagnostic Medical Device

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG
Industriestrasse 35
9101 Herisau
Telephone no. 0041 (0)71 353 58 58
E-mail address of person responsible for this SDS sdb@haenseler.ch

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 3 H412

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 statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501.3 Disposal in compliance with local and national regulations.

SECTION 3: Composition/information on ingredients

Hazardous ingredients (Regulation (EC) No. 1272/2008)

C.I. Basic Violet 3

CAS No.	548-62-9			
EINECS no.	208-953-6			
Concentration		<	1	%
Classification (Regulation (EC) No. 1272/2008)				
	Carc. 2		H351	
	Acute Tox. 4		H302	
	Eye Dam. 1		H318	

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Aquatic Acute 1	H400
Aquatic Chronic 1	H410

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If you feel unwell, seek medical advice (show the label where possible). Take off contaminated clothing and shoes immediately.

After inhalation

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

After skin contact

Wash off with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). By continuous complaints consult a physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin. Remove persons to safety. Use personal protective clothing.

6.2. Environmental precautions

Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr). 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

Handle and open container with care. Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container. Keep tightly closed in a dry and cool place.

Further information on storage conditions

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Keep only in the original container in a cool, well ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

There is not known any national exposure limit.

8.2. Exposure controls

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation. Do not breathe vapours, dust or aerosol.

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.

Appropriate Material nitrile rubber - NBR

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid, clear
Colour	dark violet
Initial boiling point and boiling range	
Value	appr. 100
Source	Estimated value
Flash point	
Value	°C
Remarks	Not applicable
Vapour pressure	
Remarks	Not applicable
Density	
Value	appr. 1

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

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No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

No decomposition if stored and applied as directed.

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity (Components)****C.I. Basic Violet 3**

Species	mouse	
LD50	96	mg/kg

C.I. Basic Violet 3

Species	rabbit	
LD50	150	mg/kg
Source	Sigma/Aldrich	

SECTION 12: Ecological information**12.1. Toxicity****Daphnia toxicity (Components)****C.I. Basic Violet 3**

Species	Daphnia magna	
EC50	0.35	mg/l
Duration of exposure	48	h
Method	OECD 202	
Source	Sigma/Aldrich	
Source	LS-5325-00 SDB Sigma Aldrich 20141207	

Algae toxicity (Components)**C.I. Basic Violet 3**

Species	Pseudokirchneriella subcapitata	
EC50	0.42	mg/l
Method	OECD 201	
Source	Sigma/Aldrich	
Source	LS-5325-00 SDB Sigma Aldrich 20141207	

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

Dispose of as unused product.

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SECTION 14: Transport information

Land transport ADR/RID

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

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
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Remarks	Classification according to Annex 4 VwVwS
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SECTION 16: Other information

R-phrases listed in Chapter 3

22	Harmful if swallowed.
40	Limited evidence of a carcinogenic effect.
41	Risk of serious damage to eyes.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements listed in Chapter 3

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage, Category 1

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.