

Trade name: Brillantkresylblau

Substance number: 180360

Version: 1 / CH

Date revised: 28.12.2015

Replaces Version: - / CH

Print date: 28.12.15

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

1.1. Product identifier

Brillantkresylblau
Item No. 18036000

Registration no.

EC No.: 279-675-0
CAS No. 81029-05-2

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

PC21 Laboratory chemicals
ERC1 Manufacture of substances

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)
Skin Irrit. 2 H315
Eye Irrit. 2 H319
STOT SE 3 H335

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

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

Classification Xi, R36/37/38

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

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H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 Call a POISON CENTER or doctor if you feel unwell.
 P501.9 Dispose of contents/container as problematic waste.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains 1,3-diamino-7-(diethylamino)-4-methylphenoxazin-5-ium tetrachlorozincate (2:1)

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

irritant

R phrases

36/37/38 Irritating to eyes, respiratory system and skin.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 37 Wear suitable gloves.
 60 This material and its container must be disposed of as hazardous waste.

SECTION 3: Composition/information on ingredients**Hazardous ingredients (Regulation (EC) No. 1272/2008)****1,3-diamino-7-(diethylamino)-4-methylphenoxazin-5-ium tetrachlorozincate (2:1)**

CAS No.	81029-05-2		
EINECS no.	279-675-0		
Concentration	>=	50	%

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

Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H335

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

Take medical treatment.. In any case show the physician the Safety Data Sheet.

After inhalation

Remove the casualty into fresh air and keep him calm.. Irregular breathing/no breathing: artificial respiration.. Summon a doctor immediately.

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After skin contact

Wash off immediately with soap and water and rinse well.. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).. Take medical treatment.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).. Take medical treatment.

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

Irritating to respiratory system., Causes very strong irritations of the eyes, skin and mucous membranes.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**recommended: alcohol resistant foam, CO₂, powders, water spray/mist**5.2. Special hazards arising from the substance or mixture**Nitrogen oxides (NO_x); Hydrogen chloride gas; Zinc oxides; Carbon monoxide (CO); Carbon dioxide (CO₂)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

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

Use personal protective clothing.. Avoid dust formation.. Ensure adequate ventilation.. Remove persons to safety.. Do not inhale dust.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Avoid raising dust.. Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes.. Avoid development of dusts/ billows/ steams.. Provide exhaust ventilation if dust is formed.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place.. Storage rooms must be properly ventilated.

SECTION 8: Exposure controls/personal protection

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8.2. Exposure controls

General protective and hygiene measures

Wash hands and face after work.

Respiratory protection

Dust mask; Particle filter P1; ABEK-P2 (EU EN 143)

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 with side protection shield

Body protection

Personnel should wear protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid
Colour	green
Colour	dark green
Melting point	
Value	233 to 236 °C
Flash point	
Remarks	Not applicable
Vapour pressure	
Remarks	Not applicable

SECTION 10: Stability and reactivity

10.5. Incompatible materials

Strong oxidising agents

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks Harmful if swallowed.

Acute inhalational toxicity

Remarks Irritating to respiratory system.

Skin corrosion/irritation

evaluation irritant

Serious eye damage/irritation

evaluation strongly irritant

SECTION 12: Ecological information

12.1. Toxicity

General information

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not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste disposal site.

Disposal recommendations for packaging

Dispose of as unused product.

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

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information

Hazard statements listed in Chapter 3

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

CLP categories listed in Chapter 3

Eye Irrit. 2 Eye irritation, Category 2
Skin Irrit. 2 Skin irritation, Category 2
STOT SE 3 Specific target organ toxicity - single exposure, Category 3

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.