

Trade name: ECO violet blue N / violett- blau N

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## 15 Regulations

**Sara**

- Section 355 (extremely hazardous substances):

None of the ingredient is listed.

- Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):

122-99-6 2-phenoxyethanol

57-55-6 propane-1,2-diol

107-41-5 2-methylpentane-2,4-diol

6786-83-0 alpha,alpha-bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol

- Proposition 65

- Chemicals known to cause cancer:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

- Cancerogenity categories

- EPA (Environmental Protection Agency)

None of the ingredients is listed.

- IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

- NTP (National Toxicology Program)

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- TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

- MAK (German Maximum Workplace Concentration)

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- NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

- OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

- Product related hazard informations:

The product has been classified and marked in accordance with directives on hazardous materials.

- Hazard symbols:



Harmful  
Dangerous for the environment

- Risk phrases:

Harmful if swallowed.

Irritating to skin.

Risk of serious damage to eyes.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

- Safety phrases:

Keep out of the reach of children.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

Wear suitable protective clothing, gloves and eye/face protection.

If swallowed, seek medical advice immediately and show this container or label.

- National regulations:

- Technical instructions (air):

Class	Share in %
NK	14.0

- Water hazard class: Water hazard class 2 (Self-assessment); hazardous for water.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

\* Data compared to the previous version altered.

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- General notes:  
Water hazard class 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

### 13 Disposal considerations

- Product:
- Recommendation:  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

### 14 Transport information

- DOT regulations:



- Hazard class: 9
- Identification number: UN3082
- Packing group: III
- Proper shipping name (technical name): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent Violet 8, Ölsäurederivat)
- Label: 9

- Land transport ADR/RID (cross-border):



- ADR/RID class: 9 (M6) Miscellaneous dangerous substances and articles
- Danger code (Kemler): 90
- UN-Number: 3082
- Packaging group: III
- Description of goods: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent Violet 8, oleic acid derivative)

- Maritime transport IMDG:



- IMDG Class: 9
- UN Number: 3082
- Label: 9
- Packaging group: III
- EMS Number: F-A, S-F
- Marine pollutant: No
- Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent Violet 8, Ölsäurederivat)

- Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 9
- UN/ID Number: 3082
- Label: 9
- Packaging group: III
- Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent Violet 8, Ölsäurederivat)



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- Penetration time of glove material  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:



Tightly sealed goggles

## 9 Physical and chemical properties

### General Information

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	185°C (365°F)
Flash point:	> 55°C (> 131°F)
Ignition temperature:	260.0°C (500°F)
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	1.4 Vol %
Upper:	12.6 Vol %
Vapor pressure at 20°C (68°F):	0.1 hPa (0 mm Hg)
Density at 20°C (68°F):	0 g/cm <sup>3</sup>
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
pH-value at 20°C (68°F):	6.3
Viscosity:	
Dynamic at 20°C (68°F):	16000 mPas
Solvent content:	
Organic solvents:	34.0 %
Solids content:	17.0 %

## 10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- Dangerous reactions: No dangerous reactions known.
- Dangerous products of decomposition: No dangerous decomposition products known.

## 11 Toxicological information

- Acute toxicity:
- LD/LC50 values that are relevant for classification:  
oleic acid derivative
- Oral LD50 9200 mg/kg (Ratte)
- Primary irritant effect:  
- on the skin: Irritant to skin and mucous membranes.  
- on the eye: Strong irritant with the danger of severe eye injury.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful  
Irritant

## 12 Ecological information

- Ecotoxicological effects:  
- Remark: Toxic for fish

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- After inhalation:  
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Immediately call a doctor.

**5 Fire fighting measures**

- Suitable extinguishing agents:  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment: No special measures required.

**6 Accidental release measures**

- Person-related safety precautions: Not required.
- Measures for environmental protection:  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- Measures for cleaning/collecting:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.

**7 Handling and storage**

- Handling:  
Information for safe handling:  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- Information about protection against explosions and fires: No special measures required.
- Storage:  
Requirements to be met by storerooms and receptacles: No special requirements.  
Information about storage in one common storage facility: Not required.  
Further information about storage conditions: None.

**8 Exposure controls and personal protection**

- Additional information about design of technical systems: No further data; see item 7.
- Components with limit values that require monitoring at the workplace:

107-41-5 2-methylpentane-2,4-diol

REL	Short-term value: C 125 mg/m <sup>3</sup> , C 25 ppm
TLV	Short-term value: C 121 mg/m <sup>3</sup> , C 25 ppm

- Additional information: The lists that were valid during the creation were used as basis.
- Personal protective equipment:  
General protective and hygienic measures:  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the skin.  
Avoid contact with the eyes and skin.
- Breathing equipment:  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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USA



## 1 Identification of substance

- **Product details**
- **Trade name:** ECO violet blue N / violett- blau N
- **Application of the substance / the preparation:** Kugelschreiberpaste
- **Manufacturer/Supplier:**  
DOKUMENTAL GmbH & Co KG Schreibfarben  
Noellnerstraße 26  
D-67065 Ludwigshafen  
Phone + 49 (0) 6 21 /54 02 - 227  
Fax + 49 (0) 6 21 /54 02 394  
www. dokumental.de
- **Information department:**  
Technical Service, Dr. B. Polzin  
Tel.: +49-621-5402322  
Mobile +49-1726204412
- **Emergency information:**  
Product Safety, Dr. Polzin  
+49-621-5402322  
+49-172-6204412

## 2 Composition/Data on components

- **Chemical characterization**  
Mixture of the following substances, containing non-hazardous substances and colouring agents.
- **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

122-99-6	2-phenoxyethanol	10-25%
107-41-5	2-methylpentane-2,4-diol	2,5-10%
110-15-8	oleic acid derivative	2,5-10%
52080-58-7	Solvent Violet 8	2,5-10%
6786-83-0	alpha, alpha-bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol	≤ 2,5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

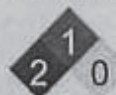
## 3 Hazards identification

• **Hazard description:**



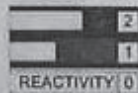
Harmful  
Dangerous for the environment

- **Information pertaining to particular dangers for man and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
Harmful if swallowed.  
Irritating to skin.  
Risk of serious damage to eyes.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- **Classification system:**  
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 2  
Fire = 1  
Reactivity = 0

• **HMIS-ratings (scale 0 - 4)**



Health = 2  
Fire = 1  
Reactivity = 0

## 4 First aid measures

- **General information:**  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.