

00858-XXXX

**CARAN D'ACHE**  
Genève**Informations Data Sheet****Product: Swissride blue ink**

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Validation date: 09.08.2022

Version: 1.01

Replaces version: 1.00

**1. SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**PRODUCT TRADE NAME (as labeled): **Swissride blue ink****1.2. Relevant identified uses of the substance/mixture and uses advised against**

Uses: Ball Pen Ink

**1.3. Details of the supplier of safety data sheet**MANUFACTURERS NAME: **CARAN d'ACHE SA**

Address (complete mailing address):

Chemin du Foron, 19, CH-1226 THÔNEX-GENEVE

Phone number:

+41 22 869 02 90

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[raw.material@carandache.com](mailto:raw.material@carandache.com)

US Importer:

Creative Art Materials Ltd.

236 Raceway Dr. Unit 5

Mooresville, NC 28117

Telephone - 704-664-1427

Fax: 888-423-0036

[JCDivis@creativeartmaterials.com](mailto:JCDivis@creativeartmaterials.com)**1.4. Emergency telephone number**

Phone number:

+41 22 869 02 90

**2. SECTION 2 : Hazards identification****2.1. Classification of the substance/ mixture****Classification mixture according to Regulatory (EC) 1272/2008**

Eye Dam. 1

H318 Causes serious eye damage.

Skin Irrit. 2

H315 Causes skin irritation.

**2.2. Label element**

Hazard pictogram(s):



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### Danger

#### Hazard-determining components of labelling:

Phosphoric acid mono-bis-(2-ethylhexyl)-ester

#### Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

#### Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362 Take off contaminated clothing and wash before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

### 2.3. Other hazards (concerning PBT and vPvB according to Regulation(CE) 1907/2006 annex XIII)

Not applicable

### 3. SECTION 3: Composition/information on ingredients

Substance/Mixture: Mixtures

Hazardous components:

Chemical name	Identification numbers	Classification Regulation (CE) 1272/2008	%
2-Phenoxyethanol	CAS: 122-99-6 EINECS: 204-589-7	Acute Tox. 4, H302; Eye Irrit. 2, H319	25-50%
Benzyl alcohol	CAS: 100-51-6 EINECS: 202-859-9	Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	10-25%
2-methylpentane-2,4-diol	CAS: 107-41-5 EINECS: 203-489-0	Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-25%
C. I. Solvent Violet 8	CAS: 84281-86-7 EINECS: 282-630-8	Eye Dam. 1, H318; Acute Tox. 4, H302	2,5-10%

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Phosphoric acid mono-bis-(2-ethylhexyl)-ester	CAS: 12645-31-7 EINECS: 235-741-0	Skin Corr. 1B, H314	2,5-10%
C. I. Solvent Blue 4 < 0,1% Michler's Ketone	CAS: 6786-83-0 EINECS: 229-851-8	Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≤1,0%

For the full text of the H-phrases mentioned in this section, see section 16

#### 4. SECTION 4: First aid measures

##### 4.1. Description of first aid measures

After inhalation:

Supply fresh air and to be sure call for a doctor.

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: If symptoms persist consult doctor.

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

No further relevant information available.

##### 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available

#### 5. SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

##### 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

##### 5.3. Advice for firefighters

Protective equipment: No special measures required.

#### 6. SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

##### 6.2. Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

##### 6.3. Methods and material for containment and cleaning up

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation

### 6.4. Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7. SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.  
Information about fire - and explosion protection: No special measures required.

### 7.2. Conditions for safe storage, including any incompatibilities

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.

### 7.3. Specific end use(s)

No further relevant information available.

## 8. SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Additional information about design of technical facilities: No further data; see item 7.  
Ingredients with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.  
Additional information: The lists valid during the making were used as basis.

### 8.2. Exposure controls

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.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves

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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 cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time must be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles



## 9. SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid

Colour: According to product specification

Odour: Product specific

Odour threshold: Not determined.

pH-value at 20 °C: 5

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 195 °C

Flash point: 94 °C

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 260 °C

Decomposition temperature: Not determined.

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Self-igniting: Product is not selfigniting.

Danger of explosion: Not determined.

Explosion limits:

Lower: 1 Vol %

Upper: 13,0 Vol %

Vapour pressure at 20 °C: 0,1 hPa

Density at 20 °C: 1,1 g/cm<sup>3</sup>

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic at 20 °C: 2,100 mPas

Kinematic: Not determined.

Solvent content:

Organic solvents: 60.,7 %

Solids content: 32,6 %

### 9.2. Other information

The physical and chemical properties given in Section 9.1 are rough data only, which are partially derived from the component's data of the mixture. These data are no binding product specifications

## 10. SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

No dangerous decomposition products known.

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### **11. SECTION 11: Toxicological information**

Acute toxicity:

- LD/LC50 values relevant for classification:  
122-99-6 2-Phenoxyethanol: Oral LD50 2740 mg/kg (rat)  
84281-86-7 C. I. Solvent Violet 8: Oral LD50 700 mg/kg (rat)
- Primary irritant effect:
  - on the skin: Irritant to skin and mucous membranes.
  - on the eye: Strong irritant with the danger of severe eye injury.
- Sensitisation: No sensitising effects known.
- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

### **12. SECTION 12: Ecological information**

#### **12.1. Toxicity**

Aquatic toxicity:

- 107-41-5 2-methylpentane-2,4-diol: LC50 / 96h 8,510 mg/l (Fish)
- 6786-83-0 C. I. Solvent Blue 4 < 0,1% Michler's Ketone: EC50 / 48h 0,025 mg/l (Daphnie)

#### **12.2. Persistence and degradability**

No further relevant information available.

#### **12.3. Bioaccumulative potential**

No further relevant information available

#### **12.4. Mobility in soil**

No further relevant information available Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (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.

#### **12.5. Results of PBT and vPvB assessment**

Not applicable

#### **12.6. Other adverse effects**

No further relevant information available.

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### **13. SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

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

### **14. SECTION 14: Transport information**

	ADR/RID	AND/ANDR	IMDG	IATA
UN number	not regulated	not regulated	not regulated	not regulated
UN proper shipping name	not regulated	not regulated	not regulated	not regulated
Transport hazard class(es)	not regulated	not regulated	not regulated	not regulated
Packing group	not regulated	not regulated	not regulated	not regulated
Environmental hazards	not regulated	not regulated	not regulated	not regulated
Special precautions for user	not regulated	not regulated	not regulated	not regulated
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.	Not applicable.	Not applicable.	Not applicable
Tunnel code	Not applicable	Not applicable	Not applicable	Not applicable

### **15. SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- National regulations:
- Technical instructions (air):  
Class Share in %  
NK 50-100
- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

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### 15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out

### 16. SECTION 16: Other information

Revise section of safety data sheet : Section 1,2,14,16

Sources for data : suppliers safety data sheet, internal analysis, EU IUCLID

List of relevant phrases, hazard statements, safety phrases and/or precautionary statements according Regulation (CE) 1272/2008 :

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.

#### - Abbreviations :

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the

International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

The information provided in this safety data sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The publication given is designed only as guidance and is not to be considered a warranty or quality specification. The information relates only to the specific material

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designated and may not be valid for such material used in combination with any other materials designated or in any process, unless specified in the text.

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