

**Section 1: Product and company identification**

Product identification:

Name: Felt tip pen Ink

Color: All colors

Number:

CAS#: mixture

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

Currently no such applications are identified.

Details of the supplier of the safety data sheet

- Manufacturer/Supplier:
Vivapen d.o.o.
Gaji 41, 3000 Celje, Slovenia
- Phone: +386 3 425 87 20
- Fax: +386 3 425 87 45
- E-mail: info@vivapen.com

Section 2: Hazard identification of the preparation

Classification of the substance or mixture

Classification according to REGULATION (EC) No 1272/2008: Not applicable.

The product is not classified according to the CLP regulation.

· Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· Label elements: Not applicable.

· Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

- Additional data:

SDS available on demand.

Section 3: Composition/information on ingredients- Mixtures

Mixture of the following substances, containing non-hazardous substances and colouring agents.

Ingredients	Conc.	CAS No	Hazard symbols	Hazard statements
Water				
2-Phenoxyethanol	< 1 %	122-99-6		H319 – Causes serious eye irritation. H302 – Harmful if swallowed.
Propylenglykol	< 20%	57-55-6		No Significant Hazard
Rosso Ponceau 4R 80	< 3%	2611-82-7		No significant Hazard
Tatrazine 85	< 3%	1934-21-0		No significant Hazard
Brilliant Blue FCF	< 1 %	3844-45-9		No significant Hazard
Azorubin 85 E 122	< 1 %	3567-69-9		No significant Hazard
Briliant Black BN LMF	< 1 %	2519-30-4		No significant Hazard
Erytrosine E127	< 2 %	16423-68-0		No significant Hazard
Netzmittel (1:2) Koralat N 100 Emulan EL	< 0,1 %	69011-36-5		H318 – Causes serious eye damage. H302 – Harmful if swallowed.
Simacid Red	< 2 %	3520-42-1		No significant Hazard

**Section 4: First aid measures**

- General: In all cases of doubt, or when symptoms persist, seek medical attention.
- Inhalation: NA
- Skin contact: Wash skin thoroughly only with soap and water or recognized skin cleanser.
- Eye contact: Rinse with plenty clean, fresh water for at least 10 minutes, holding the eyelids apart (remove eye lenses if possible) and seek medical advice.
- Ingestion: If accidentally swallowed (a lot) seek medical advice. Keep at rest. Do NOT induce vomiting.

Section 5: Firefighting measures**Extinguishing media**

- Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

Section 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.
 - Environmental precautions: Remains clean with water and detergent, avoid use of solvents. Do not allow to enter sewers/ surface or ground water. If do, inform authorities in accordance to local regulations.
 - Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Place in container for disposal according to local regulations (see section 13).
 - Reference to other sections
- No dangerous substances are released.

Section 7: Handling and storage**Handling:**

- Precautions for safe handling: No special measures required. Ensure good ventilation/exhaustion at the workplace.
- Information about fire - and explosion protection: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage: store between 5 and 30 °C in a dry place, away from other chemicals.
- Requirements to be met by storerooms and receptacles: No special requirements.
- Specific end use(s) No further relevant information available.

Section 8: Exposure controls / personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

- 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.

Exposure controls

- Personal protective equipment:



General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

- Respiratory protection: Not required.
- Protection of hands: The glove material has to be impermeable and resistant to the product.
- Eye protection: Goggles recommended during refilling.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

- Physical state: Liquid
- Form: Fluid
- Color: According to product specification
- Odor: Product specific.
- Odor threshold: Not determined.
 - pH (at 20 °C): 7,5 – 8,5
 - Melting/Freezing point: 0 °C
 - Boiling point: 100 °C
 - Density: 1 g/cm³
 - Solubility (water): Fully miscible
 - Auto-ignition temperature: Not self-igniting
 - Danger of explosion: Product does not present an explosion hazard.
 - Organic solvents: 20 %
 - Water: 78 %
 - Other solid ingredients: 2 %

Section 10: Stability and reactivity

- Reactivity
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.

Section 11: Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

- On the skin: No irritant effect.
- On the eyes: No irritating effect.
- Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Section 12: Ecological information

Toxicity

- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behavior in environmental systems:
- Bio accumulative potential: No further relevant information available.
- Mobility in soil: No further relevant information available.



- Additional ecological information:
- General notes:
 - Water hazard class 1 (Self-assessment): slightly hazardous for water
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Section 13: Disposal considerations

Waste treatment methods

- Recommendation: Smaller quantities can be disposed of with household waste or according to national regulations.

Uncleaned packaging:

- Recommendation: Disposal must be made according to official local and national regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

Section 14: Transport information

UN-Number: None

UN proper shipping name: None

Transport hazard class(es): None

Packing group: None

· Marine pollutant: No

· Special precautions for user: Not applicable.

Section 15: Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
 - Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
- Labeling is not required according to EEC regulations.

Section 16: Other information

This information is based on our present knowledge and on current EEC and national regulations. The users working conditions are beyond our knowledge and control. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The product is to be used for writing. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation.