SAFETY DATA SHEET Revision date: March 23, 2021 Issue No 2/2015

Section 1: Product and company identification

Product identification:
Name: Fountain pen Ink
Color: All Colours
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.
· 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.
· Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
· Label elements
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 (German GefStoffV).
Additional data:
Other hazards
Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

Section 3: Composition/information on ingredients: Mixtures

	CAS No.
Water	
Acticide SR 3500	122-99-6, 3811-73-2
Oxalic acid	6153-56-6
Propylenglykol	57-55-6
Glycerine 99,5%	56-81-5
Acid blue 93 conc.	66687-07-8
Bayscript Black N liquid 01	
Vitasyn Ponceau 4R80	2611-82-7
VitasynTartrazine X90	1934-21-0
Duasyn acid blue AE-SF 30 liq.	3844-45-9
Erytrosine E127	16423-68-0
Simacid Red EB(AR 52)	3520-42-1

Azorubin 85 E122 3567-69-9

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: CO_2, 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.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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 ºC in a dry place, away from other chemicals.
· 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.
· 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.
· Additional information: The lists valid during the making were used as basis.
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/ 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 breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· 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 ºC): 2,2 – 8,4
- Melting/Freezing point: 0 ºC
- Boiling point: 100 ºC
- Flash point: NA
- Evaporation rate: NA
- Vapor pressure at 20 °C: 23 hPa
- Flammability limits in air, upper, % by volume: ND
- Flammability limits in air, lower, % by volume: ND
- Density: 1 g/cm^3
- Relative density: ND
- Vapor density: ND
- Evaporation rate: ND
- Solubility (water): Fully miscible
- Partition coefficient (n-octanol/water): ND
- Auto-ignition temperature: Not self-igniting
- Danger of explosion: Product does not present an explosion hazard.
- Decomposition temperature: ND
- VOC: None
- Viscosity (Dynamic): >1 mPas
- Percent volatile: NA
- Organic solvents: 1,0 %
- Water: 98 %

NA – not applicable
ND – not determined

Section 10: Stability and reactivity

· Reactivity
· Chemical stability
· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
· Possibility of hazardous reactions: No dangerous reactions known.
· Conditions to avoid: No further relevant information available.
· Incompatible materials: No further relevant information available.
· Hazardous decomposition products: No dangerous decomposition products 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.
· Sensitization: No sensitizing effects known.
· Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
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 (German Regulation) (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.
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.
· Other adverse effects No further relevant information available.

Section 13: Disposal considerations

Waste treatment methods
· Recommendation Smaller quantities can be disposed of with household waste.
· European waste catalogue
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
· ADR, ADN, IMDG, IATA Void
UN proper shipping name
· ADR, ADN, IMDG, IATA Void
Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class Void
Packing group
· ADR, IMDG, IATA Void
· Marine pollutant: No
· Special precautions for user: Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

Section 15: Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
· National regulations:
· Technical instructions (air):
· 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.
The information in this Safety data Sheet is meant as description of the safety requirements of our products: IT IS NOT TO BE CONSIDERED AS A GUARANTEE OF THE PRODUCTS
· Relevant phrases
· * Data compared to the previous version altered.