SDS Report

No. 1001

Date: Mar.30.2021

XXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Trade Name : Ball pen ink (black)

End Uses : Writing

Composition/Ingredient : See Section 3 Composition/information on ingredients on the SDS report

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Directives,Regulation (EC) No 1907/2006， Regulation (EC) No 1272/2008, and is provided per attached.

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

Product identifier

Trade name: Ball pen ink (black)

Relevant identified uses of the substance or mixture and uses advised against
Application of the substance / the mixture: Writing

Details of the supplier of the safety data sheet
Manufacturer/Supplier:

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXX

Further information obtainable from:
XXXXXXXXXXXXXXXXXXXXXXX

Emergency telephone number:
XXXXXXXX
XXXXXXXXXXXXXXX

*2 :*Hazards identification

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008


GHS07


GHS09

Acute Tox.4 H302 Harmful if swallowed.

Aquatic Chronic 3. H412 Harmful to aquatic life with long lasting effects

Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to Regulation (EC) No 1272/2008.
Hazardpictograms GHS07 GHS09
Signal word Warning

Hazard statements
H302 Harmful if swallowed.
H412 Harmful to aquatic life with long lasting effects

- Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
P321 Specific treatment (see on this label).
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Additional information:
- Other hazards Not applicable.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3: Composition/information on ingredients

• **Chemical characterization: Mixtures**
• **Description:**
Mixture: consisting of the following components.
For the wording of the listed risk phrases refer to section 16.

•**Components:**		
CAS: 100-51-6 *EC: 202-859-9*	*Benzyl alcohol* *Acute Tox. 4, H302; Acute Tox. 4, H332*	*15,0%*
CAS: 122-99-6 *EC: 204-589-7*	*2-Phenoxyethanol* *Acute Tox. 4, H302; Eye Irrit. 2, H319;*	*15,0%*
CAS: 57-55-6 *EC: 200-338-0*	*propane-1, 2-diol* *no hazards have been classified.*	*9,0%*
CAS: 25054-06-2 *EC: 607-515-5*	*Formaldehyde, polymer with cyclohexanone* *no hazards have been classified.*	*23,0%*
CAS:24969-06-0 *EC: 607-468-0*	*Epoxy resin* *no hazards have been classified.*	*11,0%*
CAS:9003-39-8 *EC: 618-363-4*	*Polyvinylpyrrolidone (PVP)* *no hazards have been classified.*	*1,0%*
CAS: 112-80-1 *EC: 204-007-1*	*oleic acid Elainic acid cis-9-Octadecenoic acid* *Skin Irrit. 2.H315; Eye Irrit. 2, H319;*	*1,0%*
CAS: 102-71-6 *EC: 203-049-8*	*2,2',2''-nitrilotriethanol tris(Hydroxyethyl)amine* *no hazards have been classified.*	*3,0%*
CAS:72928-60-0 *EC:277-086-3*	*Trihydrogen[29H,31H-phthalocyaninetrisulphonato(5-)-N29,N30,N31,N32]cuprate(3-), compound with N,N'-di(o-tolyl)guanidine (1:3)* *Acute Tox. 4.H302; Eye Dam. 1.H318;*	*10,0%*
CAS:587-98-4 *EC: 209-608-2*	*C.I.Acid yellow 36* *Eye Dam.1.318; Aquatic Chronic 2.H411*	*6,0%*
CAS: 52080-58-7 *EC: 610-776-8*	*[4-[4,4'-Bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]methylimine C.I. 42535:1Solvent Violet 8* *Acute Tox. 4.H302; Eye Irrit. 2.H319;*	*6,0%*

4 First aid measures

Description of 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.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
Call for a doctor immediately.

Information for doctor:
Most important symptoms and effects, both acute and delayed No further relevant information available.
Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

Extinguishing media

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

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

Avoid contact with skin.

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

Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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 Handling and storage

Handling

Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Keep away from heat and direct sunlight.

Prevent formation of aerosols.

Avoid contact with eyes and skin.

Information about fire - and explosion protection: Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility:

Store a way from foodstuff's.

Store away from oxidizing agents.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.

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:	
100-51-6 Benzyl alcohol	
MAK (Germany)	nicht festgelegt
122-99-6 2-Phenoxyethanol	

MAK (Germany)	20 ml/m³, ppm
57-55-6 propane-1,2-diol	
MAK (Germany)	nicht festgelegt
102-71-6 2, 2 ', 2 ″-nitrilotriethanol	
MAK (Germany)	5E mg/m³

DNELs: Data not available.
PNECs: Data not available.
Additional information: The lists valid during the making were used as basis.

Exposure controls
Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure

Personal protective equipment
General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
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

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.
Penetration time of glove material:
The exact break trough 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

• Information on basic physical and chemical properties	
• General Information	
• Appearance:	
Form:	*Gel*
Colour:	*Black*
• Odour:	*Odourless*
• Odour threshold:	*Data not available.*
• pH-value:	*Data not available.*
• Change in condition:	*Data not available. Data not available.*
Melting point/Melting range:	
Boiling point/Boiling range:	

10 Stability and reactivity

•pH- value	*6~10*
• Flash point:	*100.6°C.*
• Flammability (solid, gaseous):	*Not applicable.*
• ignition temperature:	*436.1°C.(Benzoyl alcohol)*
• Decomposition temperature:	*Data not available.*
• igniting:	*Product is not selfigniting.*
• Danger of explosion:	*Product does not present an explosion hazard.*
• Explosion limits	
Lower:	*Data not available.*
Upper:	*Data not available.*
• Oxidizing properties:	*Data not available.*
• Vapour pressure:	*13.3 mm Hg (100 °C)*
• Density:	*1.1 g/cm³(lit.)*
• Relative density:	*Data not available.*
• Vapour density:	*Data not available.*
• Evaporation rate:	*Data not available.*
• Solubility in / Miscibility with water:	*Data not available.*
• Partition coefficient (n-octanol/water): Data not available.	
• Viscosity:	
Dynamic:	*5000mpa.s±1000(25 °C)*
Kinematic:	*Data not available.*
• Other information	*Data not available.*

Reactivity No decomposition if used according to specifications.
Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions No dangerous reactions known.
Conditions to avoid No further relevant information available.
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products: Nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen ,acid smoke and fumes.

11 Toxicological information

• Information on toxicological effects
• Acute toxicity

• LD/LC50 values relevant for classification:		
100-51-6 Benzyl alcohol		
Oral	*LD50*	*1230 mg/kg (rat)*
Dermal	*LD50*	*2000 mg/kg (rabbit)*
122-99-6 2-Phenoxyethanol		
Oral	*LD50*	*1260 mg/kg (rat)*
Dermal	*LD50*	*5000 mg/kg (rabbit)*
57-55-6 propane-1, 2-diol		
Oral	*LD50*	*20000 mg/kg (rat)*
Dermal	*LD50*	*20800 mg/kg (rabbit)*
9003-39-8 Polyvinylpyrrolidone (PVP)		
Oral	*LD50*	*>40000 mg/kg (mouse)* *100000 mg/kg (rat)*
112-80-1 oleic acid ,pure		
Oral	*LD50*	*28000 mg/kg (mouse)* *74000 mg/kg (rabbit)*
102-71-6 2,2′-nitrilotriethanol		
Oral	*LD50*	*5846 mg/kg (mouse)* *2200 mg/kg (rabbit)*
Dermal	*LD50*	*>22500 mg/kg (rabbit)*

Primary irritant effect
on the skin: Irritating effect.
on the eye: Irritating effect.
Sensitization: Sensitization possible.
Toxicokinetics, metabolism and distribution: No further relevant information available.
Acute effects (acute toxicity, irritation and corrosivity): No further relevant information available.
Repeated dose toxicity: No further relevant information available.
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
No further relevant information available.

12 Ecological information

Toxicity
Aquatic toxicity: No further relevant information available.
Persistence and degradability No further relevant information available.
Behaviour in environmental systems
Bioacc umulative 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.

13 Disposal considerations

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 Transport information

• *UN-Number* *ADR, IMDG, IATA*	*Not applicable.*
• *UN proper shipping name* *ADR, IMDG, IATA*	*Not applicable.*
• *Transport hazard class(es)* • *ADR, IMDG, IATA* • *Class*	*Not applicable.*
• *Packing group* • *ADR, IMDG, IATA* • *Marine pollutant:*	*Not applicable.*
• *Special precautions for user*	*Not applicable.*
• *Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code*	*Not applicable.*
• *UN "ModelRegulation":*	-

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
MAK(German Maximum Workplace Concentration)

Ingredients with limit values that require monitoring at the workplace:	
100-51-6 Benzyl alcohol	
MAK (Germany)	nicht festgelegt
122-99-6 2-Phenoxyethanol	
MAK (Germany)	20 ml/m³, ppm
57-55-6 propane-1,2-diol	
MAK (Germany)	nicht festgelegt
102-71-6 2,2',2"-nitrilotriethanol	
MAK (Germany)	5E mg/m³

•National regulations:
•Waterhazard class: Water hazard class 2(Self-assessment): hazardous for water.

• **Other regulations, limitations and prohibitive regulations**

• SVHC Candidate List of REACH Regulation Annex XIV Authorisation *(30/3/2021)*
None of the ingredients is listed.

• REACH Regulation Annex XVII Restriction *(30/3/2021)*
None of the ingredients is listed.

• REACH Regulation Annex XIV Authorization List *(30/3/2021)*
None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

Relevant phrases

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects

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Abbreviations and acronyms:

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

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 3: Acute toxicity, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

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

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

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

Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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

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