

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 20.09.2010

Revision: 20.09.2010

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** CP- ULV Black
- **Application of the substance / the preparation** Ball pen ink
- **Manufacturer/Supplier:**
Smoothline Writing Instruments Pvt. Ltd.
A 761 , T.T.C. Industrial Area,
Khairne MIDC , Navi Mumbai 400705, India.
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2 Hazards identification

- **Hazard description:**



Xn Harmful

- **Information concerning particular hazards for human 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.

R 22 Harmful if swallowed.

R 36 Irritating to eyes.

R 43 May cause sensitisation by skin contact.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **GHS label elements**

**Danger**

H314 - Causes severe skin burns and eye damage.

**Warning**

H341 - Suspected of causing genetic defects.

**Warning**

H302 - Harmful if swallowed.

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H412 - Harmful to aquatic life with long lasting effects.

· **Prevention:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

· **Response:**

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 or doctor/physician.

· **Storage:**

P405 Store locked up.

· **Disposal:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 122-99-6 EINECS: 204-589-7	2-Phenoxyethanol ☒ Xn, ☒ Xi; R 22-36 Warning: ⚠ 3.1.O/4, 3.3/2	28.0%
CAS: 65113-55-5 EINECS: 265-449-9	[4-[p,p'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium m-[[p-anilinophenyl]azo]benzenesulphonate ☒ Xn; R 22 Warning: ⚠ 3.1.O/4	17.5%
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol ☒ Xn, ☒ Xi; R 20/22-43 Warning: ⚠ 3.1.O/4, 3.1.I/4	12.0%
CAS: 90506-69-7 EINECS: 291-933-4	Phosphoric acid, mono- and bis(2-ethylhexyl) esters ☒ C, ☒ Xn; R 22-34 Danger: ⚠ 3.2/1B Warning: ⚠ 3.1.O/4	7.5%
CAS: 509-34-2 EINECS: 208-096-8	3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one ☒ Xn; R 22-33 Warning: ⚠ 3.9/2; ⚠ 3.1.O/4	1.5%
CAS: 532-82-1 EINECS: 208-545-8	4-phenylazophenylene-1,3-diaminemonohydrochloride Muta. Cat. 3; ☒ Xn, ☒ Xi, ☒ N; R 22-38-41-68-50/53 Danger: ⚠ 3.3/1 Warning: ⚠ 3.5/2; ⚠ 4.1.A/1, 4.1.C/1; ⚠ 3.1.O/4; 3.2/2	1.5%

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

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.

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- **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. If symptoms persist, consult a doctor.
- **After swallowing:** Call for a doctor immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** 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 fire - and explosion protection:** 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:** Keep container tightly sealed.

8 Exposure controls/personal protection

- **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.
- **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 eyes.
Avoid contact with the eyes and skin.

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· **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 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
Colour:	According to product specification
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 205°C

· **Flash point:** 101°C

· **Ignition temperature:** 435°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: 1.3 Vol %

Upper: 13.0 Vol %

· **Vapour pressure at 20°C:** 0.1 hPa

· **Density:** Not determined.

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

· **Solvent content:**
Organic solvents: 40.0 %
VOC (EC) 40.00 %

Solids content: 60.0 %

10 Stability and reactivity

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

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

122-99-6 2-Phenoxyethanol

Oral	LD50	1260 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **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:

Harmful
Irritant

- **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information

- **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.

13 Disposal considerations

- **Product:**
- **Recommendation**
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

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



- **ADR/RID class:** 6.1 Toxic substances.
- **Danger code (Kemler):** 60
- **UN-Number:** 2810
- **Packaging group:** III
- **Hazard label:** 6.1
- **Description of goods:** 2810 TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol)
- **Tunnel restriction code** E

- **Maritime transport IMDG:**



- **IMDG Class:** 6.1
- **UN Number:** 2810
- **Label:** 6.1
- **Packaging group:** III
- **EMS Number:** F-A,S-A
- **Marine pollutant:** No
- **Proper shipping name:** TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol)

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 6.1
- **UN/ID Number:** 2810
- **Label:** 6.1
- **Packaging group:** III
- **Proper shipping name:** TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol)

- **UN "Model Regulation":** UN2810, TOXIC LIQUID, ORGANIC, N.O.S., 6.1, III

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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· Code letter and hazard designation of product:*Xn Harmful***· Hazard-determining components of labelling:**

Benzyl alcohol
2-Phenoxyethanol

· Risk phrases:

22 Harmful if swallowed.
36 Irritating to eyes.
43 May cause sensitisation by skin contact.

· Safety phrases:

2 Keep out of the reach of children.
24/25 Avoid contact with skin and eyes.
37 Wear suitable gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
56 Dispose of this material and its container to hazardous or special waste collection point.

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.

· Relevant R-phrases

20/22 Harmful by inhalation and if swallowed.
22 Harmful if swallowed.
33 Danger of cumulative effects.
34 Causes burns.
36 Irritating to eyes.
38 Irritating to skin.
41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
68 Possible risk of irreversible effects.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement 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
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent