

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2011

Revision: 20.01.2011

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

· **Product details**

· **Trade name:** CP ULV BLACK

· **Registration number** The product is a preparation and so the raw materials have been pre-registered.

· **Application of the substance / the preparation**

Used as inks for sketch pens, fine liners and all kind of writing instruments.

· **Manufacturer/Supplier:**

Smoothline Writing Instruments Pvt.Ltd.

A-761, T.T.C. Industrial Area, Khairme,

M.I.D.C., Navi Mumbai 400 705

Tel.No. : 2551 4511

Fax.No. : 25568088

· **Further information obtainable from:**

Technical Service, Mr. Manish B. Shah

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E-Mail: manish@smoothlineinks.com

· **Information in case of emergency:**

Contact details of European importer

Emergency telephone number:

Telephone number of EU importer:

Opening hours:

Other Comments (e.g. language(s) of the phone service): English

## 2 Hazards identification

· **Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1      H318 Causes serious eye damage.



GHS07

Acute Tox. 4      H302 Harmful if swallowed.

Skin Irrit. 2      H315 Causes skin irritation.

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

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xn; Harmful

R22:      Harmful if swallowed.



Xi; Irritant

R36:      Irritating to eyes.



Xi; Sensitising

R43:      May cause sensitisation by skin contact.

R52/53:      Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Classification system:**

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

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- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard pictograms**



GHS05 GHS07

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
- **Hazard statements**
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- 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.*
- 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 or doctor/physician.*
- P321 *Specific treatment (see on this label).*
- P362 *Take off contaminated clothing and wash before reuse.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Labelling according to EU guidelines:**

*The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.*

- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**

- **Risk phrases:**

- 22 *Harmful if swallowed.*
- 36 *Irritating to eyes.*
- 43 *May cause sensitisation by skin contact.*
- 52/53 *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

- **Safety phrases:**

- 2 *Keep out of the reach of children.*
- 24/25 *Avoid contact with skin and eyes.*
- 29/56 *Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.*

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37 Wear suitable gloves.

46 If swallowed, seek medical advice immediately and show this container or label.

### 3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Mixture of substances listed below along with non-hazardous additions.

- **Dangerous components:**

CAS: 122-99-6 EINECS: 204-589-7	2-Phenoxyethanol ☒ Xn R22; ☒ Xi R36 ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	33.78%
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 R22 ⚠ Acute Tox. 4, H302	18.82%
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol ☒ Xn R20/22; ☒ Xi R43 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	10.61%
CAS: 112-80-1 EINECS: 204-007-1	oleic acid, pure ☒ Xi R36/37/38 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	3.37%
CAS: 111-90-0 EINECS: 203-919-7	2-(2-ethoxyethoxy)ethanol ☒ Xi R36 ⚠ Eye Irrit. 2, H319	2.89%
CAS: 110-98-5 EINECS: 203-821-4	1,1'-oxydipropan-2-ol ☒ Xi R36/38 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.89%
CAS: 509-34-2 EINECS: 208-096-8	3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one ☒ Xn R22; ☒ Xi R37/38-41 ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; STOT SE 3, H335; Skin Irrit. 2, H315	1.93%
CAS: 112-90-3 EINECS: 204-015-5	(Z)-octadec-9-enylamine ☒ C R34; ☒ Xn R22 ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302	1.44%
CAS: 495-54-5 EINECS: 207-803-7	chrysoidine ☒ Xn R22-68; ☒ Xi R38; ☒ N R50/53 Muta. Cat. 3 ⚠ Muta. 2, H341; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315	0.77%

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

### 4 First aid measures

- **General information:** Consult a physician. Show this safety data sheet to the doctor in attendance.

- **After inhalation:**

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

- **After swallowing:**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

- **Information for doctor:** Treat symptomatically and supportively.

- **The following symptoms may occur:**

Vomiting

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Coughing

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## 5 Firefighting measures

- **Suitable extinguishing agents:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
  - Carbon monoxide (CO)
  - Carbon dioxide (CO<sub>2</sub>)
- **Protective equipment:** Wear self contained breathing apparatus for fire fighting if necessary.

## 6 Accidental release measures

- **Person-related safety precautions:**
  - Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.
- **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.

## 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:** Keep ignition sources away - Do not smoke.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  - Store in well ventilated area.
  - Store in a tightly closed container.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Store under inert gas.
- **Specific applications** Used as inks for sketch pens, fine liners and all kind of writing instruments

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
  - Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- **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.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Do not inhale dust / smoke / mist.
  - 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 and skin.

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- **Respiratory protection:**

*Half or full facepiece respirator, self-contained breathing apparatus(SCBA), supplied air respirator, etc.  
Use respirators approved under appropriate government standards and follow local and national regulations.*

- **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**

- **Appearance:**

*Form: Liquid  
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.*

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

- **Density:** *Not determined.*

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

- **Solvent content:**

*Organic solvents: 50.2 %*

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<b>VOC (EC)</b>	50.17 %
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## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** Avoid contact with incompatibles
- **Materials to be avoided:** Strong oxidising agent.
- **Dangerous reactions** Reacts violently with oxidizing agents.
- **Dangerous decomposition products:** Carbon oxides

## 11 Toxicological information

- **Acute toxicity:**

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

### 122-99-6 2-Phenoxyethanol

	LC50	344 mg/l (96 hr.) (Fish <i>Pimephales promelas</i> )
Oral	LD50	1260 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

### 100-51-6 Benzyl alcohol

	LC50	10 mg/l (96 hr.) (Fish <i>Lepomis macrochirus</i> ) 646 mg/l (96 hr.) ( <i>Leuciscus idus</i> )
Oral	LD50	1230 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

### 112-80-1 oleic acid, pure

Oral	LD50	74000 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** Causes skin irritation
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
Harmful  
Irritant
- **Sensitisation** May cause sensitisation by skin contact.

## 12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** Harmful to aquatic life with long lasting effect.
- **Additional ecological information:**
- **General notes:**  
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.  
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment** To be provided after the REACH registration.

## 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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- **European waste catalogue**  
08 03: wastes from Manufacture, Formulation, Supply and Use (MFSU) of printing inks
- **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, (Z)-octadec-9-enylamine)
- **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:** Yes
- **Proper shipping name:** TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol, (Z)-octadec-9-enylamine)
- **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, (Z)-octadec-9-enylamine)
- **UN "Model Regulation":** UN2810, TOXIC LIQUID, ORGANIC, N.O.S., 6.1, III

## 15 Regulatory information

- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard pictograms** Please refer section 2
- **Signal word** Danger
- **Hazard statements** Please refer section 2
- **Precautionary statements** Please refer section 2

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- **Labelling according to EU guidelines:**
- **Hazard-determining components of labelling:** Please refer section 2
- **Risk phrases:** Please refer section 2
- **Safety phrases:** Please refer section 2
- **Chemical safety assessment**  
A Chemical Safety Assessment has not been carried out and shall be available at the time of REACH registration.
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- **Substances of very high concern (SVHC) according to REACH, Article 57**  
The substance is not listed as SVHC.

### 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 phrases**
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - .
  - R22 Harmful if swallowed.
  - R36 Irritating to eyes.
  - R43 May cause sensitisation by skin contact.
  - R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing MSDS:** Product safety department.
- **Contact:**  
Technical Service, Mr. Manish B. Shah . . . . .  
PH : +91-22-25514511  
Fax: +91-22-25568088  
E-Mail: manish@smoothlineinks.com
- **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)

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ICAO: International Civil Aviation Organization

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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

**Sources****CHEMIDPLUS**

<http://chem.sis.nlm.nih.gov/chemidplus/ProxyServlet?objectHandle=Search&actionHandle=getAll3DMViewFiles&nextPage=jsp/common/ChemFull.jsp%3FcalledFrom%3Dlite&chemid=0000112801&formatType=3D>

<http://chem.sis.nlm.nih.gov/chemidplus/ProxyServlet?objectHandle=Search&actionHandle=getAll3DMViewFiles&nextPage=jsp%2Fcommon%2FChemFull.jsp%3FcalledFrom%3Dlite&chemid=0000100516&formatType=3D>

<http://chem.sis.nlm.nih.gov/chemidplus/ProxyServlet?objectHandle=Search&actionHandle=getAll3DMViewFiles&nextPage=jsp/common/ChemFull.jsp%3FcalledFrom%3Dlite&chemid=0000122996&formatType=3D>

**CHEMICAL BOOK**

[http://www.chemicalbook.com/ProductChemicalPropertiesCB3852587\\_EN.htm](http://www.chemicalbook.com/ProductChemicalPropertiesCB3852587_EN.htm)**MSDSA**

<http://www.sigmaaldrich.com/catalog/DisplayMSDSContent.do>

**CHEMSPIDER**

<http://www.chemspider.com/RecordView.aspx?rid=998a7739-14f5-41c2-bcc5-954c7fcc4a5d>

**SIGMA-ALDRICH**

<http://www.sigmaaldrich.com/catalog/DisplayMSDSContent.do>

**IUCLID**

<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>

**CHEM SPIDER**

<http://www.chemspider.com/Chemical-Structure.9895.html>

**HSNO**

<http://www.ermanz.govt.nz/Chemicals/ChemicalDisplay.aspx?SubstanceID=3084>

**\* Data compared to the previous version altered.**

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

*Section 4 : First aid measures*

*Section 5 : Firefighting measures*

*Section 6 : Accidental Release Measures*

*Section 7 : Handling and Storage*

*Section 8 : Exposure Controls / Personal Protection*

*Section 10 : Stability and Reactivity*

*Section 11 : Toxicological Information*

*Section 12 : Ecological Information*

*Section 13 : Disposal Considerations*

*Section 15: Regulatory information*