

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/27/2015

Reviewed on 06/27/2015

## 1 Identification

- **Trade name: CP ULV RED**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Use as inks for sketch pens, fine liners and all kinds of writing instruments
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Smoothline Writing Inst. Pvt. Ltd.  
607, Neelkanth Corporate Park,  
6th flr, Kirol Road,  
Vidhyavihar (West), Mumbai – 400086. INDIA
- **Information department:**  
Tel: +91-22-2502 1600/1700/1800  
Fax:- +91-22-2556 8088  
Email:- smoothline@mtnl.net.in  
Website:- www.smoothlineinks.com
- **Emergency telephone number:**  
Contact details of importer  
Emergency telephone number:  
Telephone number of importer:  
Opening hours:  
Other Comments (e.g. language(s) of the phone service): English

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

Acute Tox. 4      H302 Harmful if swallowed.

Eye Irrit. 2A      H319 Causes serious eye 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** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product has to be labeled due to the calculation procedure of international guidelines.
- **Classification system:**  
The classification was made according to the latest GHS editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **Labelling according to GHS guidelines:**  
The product has been classified and marked in accordance with GHS directives on hazardous materials.
- **Hazard-determining components of labeling:**  
Benzyl alcohol

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2-Phenoxyethanol

· **Safety phrases:**

Keep out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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

· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 1

Fire = 1

Reactivity = 0

· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

### 3 Composition/information on ingCP ULV REDients

· **Chemical characterization: Mixtures**· **Description:** Mixture: consisting of the following components.· **Dangerous components:**

122-99-6	2-Phenoxyethanol	40-44%
65138-66-1	9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethylxanthylium, salt with 4,5-dihydro-5-oxo-1-(4-sulphophenyl)-4-[(4-sulphophenyl)azo]-1H-pyrazole-3-carboxylic acid (3:1)	8-12%
100-51-6	Benzyl alcohol	7-9%
110-98-5	1,1'-oxydipropan-2-ol	4-6%
112-80-1	oleic acid, pure	1-3%
509-34-2	3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	1-2%
112-90-3	(Z)-octadec-9-enylamine	0.5-2%
495-54-5	chrysoidine	0.1-1%
90506-69-7	Phosphoric acid, mono- and bis(2-ethylhexyl) esters	0.5-2%

· **Non-Dangerous components:**

111-90-0	2-(2-ethoxyethoxy)ethanol	1-3%
9003-39-8	Polyvinyl pyrrolidone	0.1-0.5%

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25054-06-2 Formaldehyde, polymer with cyclohexanone

26-32%

## 4 First-aid measures

- **Description of first aid measures**

- **General information:** Involve doctor immediately.

- **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 flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately.

- **After eye contact:**

Protect unharmed eye.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Immediately call a doctor.

- **Most important symptoms and effects, both acute and delayed**

Eye: Causes serious eye irritation

Harmfull effects if swallowed

- **Indication of any immediate medical attention and special treatment needed**

Immediate medical attention is requiCP

ULV RED. Treat symptomatically

## 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:** Use water spray, alcohol-resistant foam, dry chemical

- **For safety reasons unsuitable extinguishing agents:** Oxidizing agent

- **Special hazards arising from the substance or mixture** Carbon oxides.

- **Advice for firefighters**

- **Protective equipment:**

Wear self contained breathing apparatus.

Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

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

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- **Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.
- **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

- **Precautions for safe handling**  
Observe all warnings and precautions listed for the product. Use in accordance with good manufacturing and industrial hygiene practices. Use product in a properly ventilated work area. Do not eat, drink or smoke while handling product.  
Enclosure or extractor facilities are required for CP ULV RED.  
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in tightly closed containers.
- **Information about storage in one common storage facility:**  
Store in cool and dry area. Keep away from direct sources of heat
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)**  
Use as inks for sketch pens, fine liners and all kinds of writing instruments

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

### 100-51-6 Benzyl alcohol

WEEL Long-term value: 10 ppm

### 111-90-0 2-(2-ethoxyethoxy)ethanol

WEEL Long-term value: 25 ppm

- **Exposure controls**
- **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.

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- **Breathing equipment:**

*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*

- **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

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic

- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	205 °C (401 °F)

- **Flash point:** 101 °C (214 °F)

- **Ignition temperature:** 360 °C (680 °F)

- **Auto igniting:** Product is not selfigniting.

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- |  |   |
|--|---|
| <b>· Danger of explosion:</b>                    | Product does not present an explosion hazard. |
| <b>· Vapor pressure at 20 °C (68 °F):</b>        | 0.1 hPa                                       |
| <b>· Density:</b>                                | Not determined.                               |
| <b>· Solubility in / Miscibility with Water:</b> | Not miscible or difficult to mix.             |
| <b>· Other information</b>                       | No further relevant information available.    |

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Keep away from heat.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Incompatible materials
- **Incompatible materials:** Strong oxidising agent
- **Hazardous decomposition products:** Carbon oxides

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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

### 122-99-6 2-Phenoxyethanol

Oral	LD50	1850 mg/kg bw (rat(Wistar)male/female)
Dermal	LD50	14391 mg/kg bw (Rat (male/female))

### 100-51-6 Benzyl alcohol

Oral	LD50	1620 mg/kg bw (rat(Wistar)male)
Dermal	LD50	< 5000 mg/kg bw (Guinea pig)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.

- **on the eye:**

CAS No.122-99-6

TYPE OF TEST : Standard Draize test

ROUTE OF EXPOSURE : Administration into the eye

SPECIES OBSERVED : Rodent - rabbit

DOSE/DURATION : 250 ug/24H

REACTION SEVERITY : Severe

CAS No.110-98-5

TYPE OF TEST : Standard Draize test

ROUTE OF EXPOSURE : Administration into the eye

SPECIES OBSERVED : Rodent - rabbit

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DOSE/DURATION : 500 mg

REACTION SEVERITY : Mild

· **Sensitization:** Not sensitising· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

None of the ingCP ULV REDients is listed.

· **NTP (National Toxicology Program)**

None of the ingCP ULV REDients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingCP ULV REDients is listed.

## 12 Ecological information

· **Toxicity**· **Aquatic toxicity:**

As the substance Oleyl Amine (CAS No. 112-90-3) Chrysodine y base (CAS No. 495-54-5), having classification as Aquatic Acute 1 and Aquatic chronic 1, contributes only 1.00 and 0.5% repectively in the final mixture, so the classification of mixture is consideCP ULV RED as Aquatic

Chronic 3.

· **Persistence and degradability** No further relevant information available.· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Ecotoxicological effects:**· **Remark:** Toxic for fish· **Additional ecological information:**· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **Other adverse effects** No further relevant information available.

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## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

· <b>UN-Number</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Not applicable
· <b>UN proper shipping name</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Not applicable
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Not applicable
· <b>Packing group</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Not applicable
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	-

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingCP ULV REDients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingCP ULV REDients is listed.

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· **TSCA (Toxic Substances Control Act):**

All ingCP ULV REDients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingCP ULV REDients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingCP ULV REDients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingCP ULV REDients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingCP ULV REDients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingCP ULV REDients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

TLV (ACGIH):1000 ppm.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingCP ULV REDients is listed.

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard-determining components of labeling:**

Benzyl alcohol  
2-Phenoxyethanol

· **Safety phrases:**

Keep out of the reach of children.  
Keep away from food, drink and animal feedingstuffs.  
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  
If swallowed, seek medical advice immediately and show this container or label.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

User to follow national laws and regulations.

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

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### 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.*

· **Department issuing SDS:** Product safety department.

· **Date of preparation / last revision** 06/27/2015 / -

· **Abbreviations and acronyms:**

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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

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

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

· **Sources**

Occupational Safety & Health Administration (OSHA)

<https://www.osha.gov/Publications/OSHA3514.html>

ECHA RegisteCP ULV RED dossier for CAS No. 100-51-6

[http://apps.echa.europa.eu/registeCP ULV RED/data/dossiers/DISS-9d9b1369-7454-687c-e044-00144f67d249/DISS-9d9b1369-7454-687c-e044-00144f67d249 DISS-9d9b1369-7454-687ce044-00144f67d249.html](http://apps.echa.europa.eu/registeCP%20ULV%20RED/data/dossiers/DISS-9d9b1369-7454-687c-e044-00144f67d249/DISS-9d9b1369-7454-687c-e044-00144f67d249%20DISS-9d9b1369-7454-687ce044-00144f67d249.html)

[http://apps.echa.europa.eu/registeCP ULV RED/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249 DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249.html](http://apps.echa.europa.eu/registeCP%20ULV%20RED/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249%20DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249.html)

ECHA RegisteCP ULV RED dossier for CAS No. 122-99-6

[http://apps.echa.europa.eu/registeCP ULV RED/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249 DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249.html](http://apps.echa.europa.eu/registeCP%20ULV%20RED/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249%20DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249.html)

<http://www.drugfuture.com/toxic/q54-q732.html>

RTECS for CAS No.122-99-6

<http://www.drugfuture.com/toxic/q106-q294.html>

RTECS for CAS No.110-98-5

<http://www.drugfuture.com/toxic/q106-q294.html>

· \* **Data compaCP ULV RED to the previous version alteCP ULV RED.**

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 9 : Physical and Chemical Properties

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*Section 10 : Stability and Reactivity*  
*Section 11 : Toxicological Information*  
*Section 12 : Ecological Information*  
*Section 13 : Disposal Considerations*  
*Section 15: Regulatory information*  
*Section 16:Other information*

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