

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/26/2015

Reviewed on 06/26/2015

1 Identification

- **Trade name: CP ULV BLACK**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Used 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, Kirod 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.
 Skin Irrit. 2 H315 Causes skin irritation.
 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 Health = 1

FIRE 1 Fire = 1

REACTIVITY 0 Reactivity = 0

- **Other hazards**

- **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.

- **Dangerous components:**

122-99-6	2-Phenoxyethanol	33-40%
65113-55-5	[4-[p,p'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium m-[[p-anilinophenyl]azo] benzenesulphonate	15-21%
112-80-1	oleic acid, pure	4-8%
110-98-5	1,1'-oxydipropan-2-ol	3-7%
100-51-6	Benzyl alcohol	6-10%
112-90-3	(Z)-octadec-9-enylamine	0.1-1%
495-54-5	chrysoidine	0.1-0.5%
509-34-2	3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	0.1-1%

- **Non-Dangerous components:**

111-90-0	2-(2-ethoxyethoxy)ethanol	0.5-2%
9003-39-8	Polyvinyl pyrrolidone	0.1-0.5%
25054-06-2	Formaldehyde, polymer with cyclohexanone	20-25%

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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:**
Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- **After eye contact:**
Flush immediately with plenty of water for at least 15 min. Contact doctor.
- **After swallowing:**
Rinse mouth with water.
Immediately call a doctor.
- **Most important symptoms and effects, both acute and delayed**
Cause skin and eye irritation.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Use water spray, alcohol resistant foam and chemical powder.
- **Special hazards arising from the substance or mixture**
No further relevant information available.
- **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**
Wear protective equipment. Keep unprotected persons away.
- **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.

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- **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**

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with eyes and skin.

- **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 and in well ventilated area.

Store away from oxidizing agents.

- **Information about storage in one common storage facility:**

Store away from areas where product may come into contact with food or pharmaceuticals.

- **Further information about storage conditions:** Keep receptacle tightly sealed.

- **Specific end use(s)**

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

WEEL	Long-term value: 25 ppm
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- **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.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- **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.

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· 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: Wear appropriate protective clothing to prevent skin contact.

9 Physical and chemical properties

· Information on basic physical and chemical properties
· General Information
· Appearance:

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic

· Change in condition

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

· Flash point: 101 °C (214 °F)

· Ignition temperature: 435 °C (815 °F)

· Auto igniting: Product is not selfigniting.

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

· Vapor pressure at 20 °C (68 °F): 0.1 hPa

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- | | |
|--|--|
| · Density: | Not determined. |
| · Solubility in / Miscibility with Water: | Not miscible or difficult to mix. |
| · Other information | No further relevant information available. |

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:** Strong oxidizing agents
- **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	1840 mg/kg bw (rat(Wistar)female) 1850 mg/kg bw (rat(Wistar)male/female)
Dermal	LD50	> 5000 mg/kg bw (rabbit)

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:**
CAS No. 112801
Administration of 500 mg of Oleic Acid onto the skin of rabbit caused mild irritating effect.
- **on the eye:**
CAS No. 122-99-6
The instillation of substance 2 Phenoxy Ethanol at 0.1 mL concentration in rabbit eye caused irritating effect.
- **Sensitization:** Not sensitising
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

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Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

Justification for aquatic classification:

As the substance Oleyl Amine (CAS No. 112-90-3) and Chrysodine (CAS No. 495-54-5) having classification as Aquatic Acute 1 and Aquatic chronic 1, contributes only 0.50 and 0.25% respectively in the final mixture, so the classification of mixture is considered 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.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (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 of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

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

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14 Transport information

· UN-Number	
· DOT, ADR, ADN, IMDG, IATA	Not applicable
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Not applicable
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Not applicable
· Packing group	
· DOT, ADR, IMDG, IATA	Not applicable
· Environmental hazards:	
· 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.
· UN "Model Regulation":	Not applicable

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
· Sara
· Section 355 (extremely hazardous substances):
None of the ingredients is listed.
· Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.
· TSCA (Toxic Substances Control Act):
All ingredients are listed.
· Proposition 65
· Chemicals known to cause cancer:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.
· Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

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· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients 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 ingredients 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.

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.

· **Contact:**

Tel: +91-22-2502 1600/1700/1800

Fax:- +91-22-2556 8088

Email:- smoothline@mtnl.net.in

Website:- www.smoothlineinks.com

· **Date of preparation / last revision** 06/26/2015

· **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)

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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
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 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>
- Data from ECHA dossier of CAS No. 122-99-6
<http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249 DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249.html>
- Data from ECHA dossier of CAS No. 100-51-6
<http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d9b1369-7454-687c-e044-00144f67d249/DISS-9d9b1369-7454-687c-e044-00144f67d249 DISS-9d9b1369-7454-687ce04400144f67d249.html>
- RTECS data for CAS No. 112-80-1
<http://www.expub.com/Members/Documents/UE54FQYM56KXTDVN807HBSGW3F7DCO.pdf>

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

- Section 1: Identification of the substance/mixture and of the company/undertaking
- Section 2: Hazards identification
- Section 3: Composition/information on ingredients
- Section 4: First-aid measures.
- Section 5: Fire-fighting measures
- Section 6: Accidental Release measures
- Section 7: Handling and storage.
- Section 8: Exposure Controls/Personal protection.
- Section 9: Physical and Chemical properties.
- Section 10: Stability and Reactivity.
- Section 11: Toxicological Information.
- Section 12: Ecological Information.
- Section 13: Disposal consideration.
- Section 15: Regulatory information
- Section 16: Other information.

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