

Safety Data Sheet

acc. to OSHA HCS

Printing date 29/10/2018

Reviewed on 29/10/2018

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 kind 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, Kiroi 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.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
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.

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Keep away from food, drink and animal feedingstuffs.

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

Dispose of this material and its container to hazardous or special waste collection point.

· **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	32-40%
587-98-4	Metenil Yellow	7.5-11.5%
8004-87-3	Basic Violet 1	7.5-11.5%
100-51-6	Benzyl alcohol	7-14%
110-98-5	1,1'-oxydipropan-2-ol	4-8%
112-90-3	Oleyl amine	0.5-2%
12645-31-7	Phosphoric acid, mono- and bis(2-ethylhexyl) esters	0.5-2%
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	1-3%
9003-39-8	Polyvinyl pyrrolidone	0.1-1%
25054-06-2	Formaldehyde, polymer with cyclohexanone	18-27%

4 First-aid measures

· **Description of first aid measures**

· **General information:**

Consult a physician. Show this safety data sheet to the doctor in attendance

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- **After inhalation:**
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician
- **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:**
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
- **Most important symptoms and effects, both acute and delayed**
Oral route: Harmful if swallowed
Skin: Causes skin irritation
Eye: Causes eye irritation
- **Information for doctor:** *Treat symptomatically and supportively.*
- **Indication of any immediate medical attention and special treatment needed**
Immediate medical attention is required.
Treat symptomatically

5 Fire-fighting measures

- **Extinguishing media**
- **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 arising from the substance or mixture**
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- **Advice for firefighters**
- **Protective equipment:** *Wear self contained breathing apparatus for fire fighting if necessary*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
- **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.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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7 Handling and storage

- **Precautions for safe handling**
 Avoid contact with eyes and skin.
 Ensure good ventilation/exhaustion at the workplace.
 Prevent formation of aerosols.
- **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 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 end use(s)**
 Used as inks for sketch pens, fine liners and all kind of writing instruments

8 Exposure controls/personal protection

- **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:**
 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.
- **Breathing equipment:**
 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

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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:** Protective work clothing

9 Physical and chemical properties

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

- **General Information**

- **Appearance:**

Form:	Liquid
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:** Avoid contact with incompatibles
- **Possibility of hazardous reactions** Reacts violently with oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **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)
Inhalative	LC50	> 1000 mg/m ³ air (nominal) (rat(Wistar)male/female)

100-51-6 Benzyl alcohol

Oral	LD50	1045 mg/kg bw (rat(Wistar)male)
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- **Primary irritant effect:**
- **on the skin:**
CAS No. 110-98-5
Administration of 500 uL/24H of Di Propylene Glycol onto the skin rabbit causes moderate irritating effect.
- **on the eye:**
Eye irritation:
CAS No. 122-99-6
Animal/Species: Vienna White rabbit
cornea score: 1.7
chemosis score: 1.3
iris score: 0.7
Result: Irritating to eyes
CAS No. 110-98-5
Administration of 500 mg of Di Propylene Glycol onto the eye of the rabbits causes mild

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irritating effect

- **Sensitization:** Not sensitising
- **Additional toxicological information:**
Harmful
Irritant
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)
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None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)
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None of the ingredients is listed.

12 Ecological information

- **Toxicity**

· Aquatic toxicity:

122-99-6 2-Phenoxyethanol

EC50(48-h)	> 500 mg/L (Daphnia magna)
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EC50(72-h)	> 500 mg/L (Algae)
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LC50(96-h)	344 mg/lit (Pimephales Promelas (Fathead Minnow))
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100-51-6 Benzyl alcohol

EC50(48-h)	230 mg/L (Daphnia magna)
------------	--------------------------

EC50(72-h)	770 mg/L (Algae)
------------	------------------

LC50(96-h)	460 mg/L (Fish Pimephales promelas)
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111-90-0 2-(2-ethoxyethoxy)ethanol

EC50(72-h)	14861 mg/L (Algae)
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LC50(48-h)	1982 mg/L (Aquatic invertebrate)
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- **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:**
Do not allow product 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.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Observe all federal, state, and local environmental regulations.
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

· 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:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: No limits On cargo aircraft only: No limits
· UN "Model Regulation":	-

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.

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· **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.

· **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.
If swallowed, seek medical advice immediately and show this container or label.
Dispose of this material and its container to hazardous or special waste collection point.*

· **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.

· **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** 26/06/2015 / 29/10/2018

· **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

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

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

· **Sources**

Occupational Safety & Health Administration (OSHA)

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

ECHA-registered dossier fpr CAS no. 122-99-6

<http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249/AGGR-6adf5bfd-e074-4533-9e19-5182281e1c29/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249.html> IGEN RESULTS HD

RTECS for CAS No. 110-98-5

[http://www.expub.com/Members/DocumentViewer.aspx?key=6811694&pc=172281D091B640f39AAA7AD75B2E04C6&st=RTECS for CAS No.112-80-1](http://www.expub.com/Members/DocumentViewer.aspx?key=6811694&pc=172281D091B640f39AAA7AD75B2E04C6&st=RTECS%20for%20CAS%20No.112-80-1)

RTECS for CAS No.112-80-1

[http://www.expub.com/Members/DocumentViewer.aspx?key=6784985&pc=172281D091B640f39AAA7AD75B2E04C6&st=ECHA registered dossier for CAS No. 111-90-0](http://www.expub.com/Members/DocumentViewer.aspx?key=6784985&pc=172281D091B640f39AAA7AD75B2E04C6&st=ECHA%20registered%20dossier%20for%20CAS%20No.111-90-0)

ECHA registered dossier for CAS No. 111-90-0

<http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d828fb4-1e4f-6452-e044-00144f67d249/DISS-9d828fb4-1e4f-6452-e044-00144f67d249/DISS-9d828fb4-1e4f-6452-e044-00144f67d249.html>

ECHA-Registered dossier 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.html>

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00144f67d249/AGGR-ca164a51-b607-4860-9da9-098ed1ed1856 DISS-9d9b1369-7454-687c-e044-00144f67d249.html IGEN RESULTS HD

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

- Section 1: Identification of the substance /preparation & of the company/ undertaking
- Section 2 – Hazard 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 & Chemical Properties
- Section 10 – Stability and reactivity
- Section 11 - Toxicological Information
- Section 12 - Ecological Information
- Section 13: Disposal consideration.
- Section 14: Transport Information
- Section 15:Regulatory informaton
- Section 16:Other information

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