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SECTION 1: Identification of the substance/mixture and of the company/undertaking

- Trade name: CP ULV Red
- Registration number The product is a preparation so the ingredients are pre-registered.
- 1.2 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.

- · 1.3 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

· Further information obtainable from:

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

Fax:- +91-22-2556 8088

Email:- smoothline@mtnl.net.in

Website:- www.smoothlineinks.com

1.4 Emergency telephone number:

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

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



Acute Tox. 4 H302 Harmi

H302 Harmful if swallowed.

Eye Irrit. 2 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

Xn; Harmful

R22: Harmful if swallowed.

Xi; Irritant

R36: Irritating to eyes.

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

aquatic environment.

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· 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.

Classification system:

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

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS07

- · Signal word Warning
- · Hazard-determining components of labelling:

2-Phenoxyethanol

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)

Benzyl alcohol

3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one

Hazard statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

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.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

international regulations.

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

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•	e: consisting of the following components. n-dangerous components:	
CAS: 122-99-6 EINECS: 204-589-7	2-Phenoxyethanol ★ Xn R22; ★ Xi R36 ↑ Acute Tox. 4, H302; Eye Irrit. 2, H319	38-459
CAS: 65138-66-1 EINECS: 265-499-1	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) Xn R22 • Acute Tox. 4, H302	
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol Xn R20/22 • Acute Tox. 4, H302; Acute Tox. 4, H332	7-9%
CAS: 110-98-5 EINECS: 203-821-4	1,1'-oxydipropan-2-ol ★ Xi R36/38 ◆ Skin Irrit. 2, H315; Eye Irrit. 2, H319	3-6%
CAS: 112-80-1 EINECS: 204-007-1	oleic acid, pure Xi R36/38 ♦ Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-3%
CAS: 509-34-2 EINECS: 208-096-8	3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H] xanthene]-3-one X Xi R37/38-41 ⇒ Eye Dam. 1, H318; ♦ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335	1-2%
CAS: 112-90-3 EINECS: 204-015-5	(Z)-octadec-9-enylamine C R35; X N R22-48/22-65; X Xi R37; N R50/53 STOT RE 2, H373; Asp. Tox. 1, H304; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; STOT SE 3, H335	0.5-2%
CAS: 90506-69-7 EINECS: 291-933-4	Phosphoric acid, mono- and bis(2-ethylhexyl) esters ☐ C R34 → Skin Corr. 1B, H314	0.5-2%
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	0-0.5%
CAS: 111-90-0 EINECS: 203-919-7	2-(2-ethoxyethoxy)ethanol	1-3%

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		(Contd. of page 3)
CAS: 9003-39-8	Polyvinyl pyrrolidone	0-0.5%
CAS: 25054-06-2	Formaldehyde, polymer with cyclohexanone	25-32%

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

SECTION 4: First aid measures

- · 4.1 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.

Call for a doctor immediately.

· 4.2 Most important symptoms and effects, both acute and delayed

Eve: Causes serious eve irritation

Harmfull effects if swallowed

• 4.3 Indication of any immediate medical attention and special treatment needed Immediate medical attention is required.

Treat symptomatically

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- · Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical.
- For safety reasons unsuitable extinguishing agents: Oxidizing agent
- 5.2 Special hazards arising from the substance or mixture Carbon oxides.
- 5.3 Advice for firefighters
- · Protective equipment:

Wear self contained breathing apparatus.

Wear fully protective suit.

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SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**Dispose contaminated material as waste according to item 13.
- 6.4 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.

SECTION 7: Handling and storage

· 7.1 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.

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

- · 7.2 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 container tightly sealed.
- · 7.3 Specific end use(s)

Use as inks for sketch pens, fine liners and all kinds of writing instruments.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7. (Contd. on page 6)

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· 8.1 Control parameters

· Ingredients with limit val	ues that require monitoring at the workplace:
122-99-6 2-Phenoxyethar	nol (42.00%)
Austria - (OELs)	MAK-TMW 20 ppm (110 mg/m3);KZW 20 ppm (110 mg/m3), skin, 2007
Finland - (OELs)	TWA 20 ppm (110 mg/m3), STEL 50 ppm (290 mg/m3), skin, NOV2011
Germany - (OELs)	MAK 20 ppm (110 mg/m3), skin, 2011
The Netherlands - (OELs)	MAC-TGG 110 mg/m3, 2003
100-51-6 Benzyl alcohol ((5.00%)
Finland - (OELs)	TWA 10 ppm (45 mg/m3), NOV2011

· 8.2 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.
- · 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.

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· Eye protection:

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Tightly sealed goggles

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

· General Information

Appearance:

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: 360 °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.

• **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Keep away from heat.
- 10.3 Possibility of hazardous reactions No dangerous reaction know.
- · 10.4 Conditions to avoid Incompitable materials
- · 10.5 Incompatible materials: Strong oxidising agent.
- · 10.6 Hazardous decomposition products: Carbon oxides.

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SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:

· LD/LC50 v	alues rei	levant for	classifica	tion:
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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 DOSE/DURATION : 500 mg : Mild

REACTION SEVERITY Sensitisation: Not sensitising

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

SECTION 12: Ecological information

- · 12.1 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 considered as Aquatic Chronic 3.

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.

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Safety data sheet COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006

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· Ecotoxical effects:

· Remark: Toxic for fish

· Additional ecological information:

· General notes:

Water hazard class 1 (German Regulation) (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

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

SECTION 13: Disposal considerations

- · 13.1 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 together with household garbage. Do not allow product to reach sewage system.

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.

14.1 UN-Number		
ADR, ADN, IMDG, IATA	Not applicable	
14.2 UN proper shipping name		
ADR, ADN, IMDG, IATA	Not applicable	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA		
Class	Not applicable	
14.4 Packing group		
ADR, IMDG, IATA	Not applicable	
14.5 Environmental hazards:	Not applicable.	
14.6 Special precautions for user	Not applicable.	

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· 14.7 Transport in bulk according to Annex

II of MARPOL73/78 and the IBC Code Not applicable.

UN "Model Regulation":

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS07

- · Signal word Warning
- Hazard-determining components of labelling:

2-Phenoxyethanol

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)

Benzyl alcohol

3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one

Hazard statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

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.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

international regulations.

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- · National regulations:
- Other regulations, limitations and prohibitive regulations
 User to follow national laws and regulations.
- · 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 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.
- H304 May be fatal if swallowed and enters airways.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H341 Suspected of causing genetic defects.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- R20/22 Harmful by inhalation and if swallowed.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R35 Causes severe burns.
- R36 Irritating to eyes.
- R36/38 Irritating to eyes and skin.
- R37 Irritating to respiratory system.
- R37/38 Irritating to respiratory system and skin.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R68 Possible risk of irreversible effects.
- · **Department issuing MSDS:** Product safety department.
- Contact:

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Trade name: CP ULV Red

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

Fax:- +91-22-2556 8088 Email:- smoothline@mtnl.net.in Website:- www.smoothlineinks.com

Abbreviations and acronvms:

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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

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

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

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

Muta. 2: Germ cell mutagenicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

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

Sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on

classification, labelling and packaging of substances and mixtures, amending and repealing **Directives**

67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

ECHA Registered dossier for 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-9d9b1369-7454-687ce044-00144f67d249.html

ECHA Registered dossier for 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-6ad9e044-00144f67d249.html

RTECS for CAS No.122-99-6

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

RTECS for CAS No.110-98-5

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

* Data compared to the previous version altered.

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

Section 4: First aid measures

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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

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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