

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

Printing date 29.06.2015

Revision: 29.06.2015

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

- **Trade name: CP ULV GREEN**
- **Registration number** The product is a preparation so 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**
Used as inks for sketch pens, fine liners, and all kinds of writing instruments.

SECTION 2: Hazards identification

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



Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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

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



Xi; Irritant

R36: Irritating to eyes.



Xi; Sensitising

R43: May cause sensitisation by skin contact.

(Contd. on page 2)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 1)

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

· **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:**

alpha,alpha-bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol

· **Hazard statements**

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

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.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

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.

IN

(Contd. on page 3)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 2)

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· **Description Mixture:** consisting of the following components.

· **Dangerous and Non-dangerous components:**

CAS: 122-99-6 EINECS: 204-589-7	2-Phenoxyethanol ☒ Xn R22; ☒ Xi R36 ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	38-45%
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol ☒ Xn R20/22 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	5-9%
CAS: 110-98-5 EINECS: 203-821-4	1,1'-oxydipropan-2-ol ☒ Xi R36/38 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	3-7%
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: 6786-83-0 EINECS: 229-851-8	alpha, alpha-bis[4-(dimethylamino)phenyl]-4-(phenylamino) naphthalene-1-methanol ☒ Xi R41; ☒ Xi R43 ⚠ Eye Dam. 1, H318; ⚠ Skin Sens. 1, H317	0.5-2%
CAS: 112-90-3 EINECS: 204-015-5	(Z)-octadec-9-enylamine ☒ C R35; ☒ Xn R22-48/22-65; ☒ 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: 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	0.1-1%
CAS: 111-90-0 EINECS: 203-919-7	2-(2-ethoxyethoxy)ethanol	1-3%
CAS: 9003-39-8	Polyvinyl pyrrolidone	0.1-0.5%
CAS: 25054-06-2	Formaldehyde, polymer with cyclohexanone	25-30%
CAS: 1328-51-4 EINECS: 215-523-1	disulfo copper phthalocyanine amine salt	6-9%
CAS: 90506-69-7 EINECS: 291-933-4	Phosphoric acid, mono- and bis(2-ethylhexyl) esters ☒ C R34 ⚠ Skin Corr. 1B, H314	0.1-1%
CAS: 19125-99-6 EINECS: 242-828-7	2-butyl-6-(butylamino)-1H-benz[de]isoquinoline-1,3(2H)-dione	1-4%

(Contd. on page 4)

IN

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 3)

· **SVHC**

6786-83-0	alpha, alpha-bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol
-----------	---

· **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:**

Consult Physician. Show this safety data sheet to doctor in attendance.

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

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

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

· **After swallowing:**

Rinse mouth with water.

Call for a doctor immediately.

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

No further relevant information available.

· **Information for doctor:** Treat symptomatically and supportively.· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:**CO₂, dry chemical powder, water spray, or alcohol resistant foam.· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

Carbon oxides

· **5.3 Advice for firefighters**· **Protective equipment:** Wear fully protective suit.**SECTION 6: Accidental release measures**· **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Wear suitable protective clothing and gloves.

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

(Contd. on page 5)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 4)

- **6.3 Methods and material for containment and cleaning up:**
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Keep in suitable, closed containers for disposal.
- **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**
 Ensure good ventilation/exhaustion at the workplace.
 Prevent formation of aerosols.
- **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 a tightly closed container.
- **Information about storage in one common storage facility:**
 Store away from direct sources of heat.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)**
 Used 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:**
 Handle in accordance with good industrial hygiene and safety practice.
- **8.1 Control parameters**
- **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.
- **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.
 Avoid contact with the eyes and skin.
- **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.

(Contd. on page 6)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 5)

· **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 cannot 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:**

Apron

Boots

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:** 435 °C· **Self-igniting:** Product is not selfigniting.

(Contd. on page 7)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 6)

· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	1.3 Vol %
Upper:	13.0 Vol %
· Vapour pressure at 20 °C:	0.1 hPa
· Density:	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
· 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:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Keep away from Heat
- **10.5 Incompatible materials:** Avoid contact with strong oxidizing agents.
- **10.6 Hazardous decomposition products:**
May produce carbon mono-oxide and/or carbon dioxide.

SECTION 11: Toxicological information

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

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

122-99-6 2-Phenoxyethanol

Oral	LD50	2740 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** May cause skin irritation.
- **on the eye:**
Irritating effect.

(Contd. on page 8)

IN

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 7)

CAS: 122-99-6

The substance was found to cause irreversible effects to rabbit eye in a study performed as per OECD guideline no. 405

· **Sensitisation:**

Sensitisation possible through skin contact.

CAS: 6786-83-0

The substance was found to be sensitising in a Guinea pig maximisation test.

· **Additional toxicological information:**

Harmful

Irritant

· **Repeated dose toxicity** *No studies available for the product.*

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

The substance does not show any CMR effects.

SECTION 12: Ecological information

· **12.1 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 1% and 0.50% respectively 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.*

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **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**

Dispose off waste material according to local, state and federal regulations.

(Contd. on page 9)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 8)

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

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 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:
· Marine pollutant: | Yes |
| · 14.6 Special precautions for user | Not applicable. |
| · 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:**
alpha, alpha-bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol
- **Hazard statements**
H319 Causes serious eye irritation.

(Contd. on page 10)

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

Printing date 29.06.2015

Revision: 29.06.2015

(Contd. of page 9)

*H317 May cause an allergic skin reaction.**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.**P261 Avoid breathing dust/fume/gas/mist/vapours/spray.**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.**P321 Specific treatment (see on this label).**P363 Wash contaminated clothing before reuse.**P501 Dispose of contents/container in accordance with local/regional/national/international regulations.***· 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.**H317 May cause an allergic skin reaction.**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.*

(Contd. on page 11)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 10)

- R37 Irritating to respiratory system.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.
- 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.

· **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

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

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

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 - Acute Hazard, 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**

· **Data from registration Dossier for CAS: 122-99-6 published on ECHA website**
[http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249](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](http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d9ec9aa-68cf-6ad9-e044-00144f67d249)

(Contd. on page 12)

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

Printing date 29.06.2015

Revision: 29.06.2015

Trade name: CP ULV GREEN

(Contd. of page 11)

• *Data from registration Dossier for CAS: 6786-83-0 published on ECHA website*
<http://apps.echa.europa.eu/registered/data/dossiers/DISS-d6b29d59-d4e7-5966-e044-00144f67d031/DISS-d6b29d59-d4e7-5966-e044-00144f67d031> DISS-d6b29d59-d4e7-5966-e044-00144f67d031.html

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

Section 2: Hazard Identification – Changes in classification and Labelling

Section 3: Composition/information on ingredients

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 14: Transport Information

Section 15: Regulatory Information

IN