

# Material Safety Data Sheet

according to ANSI Z400.1-2004

## CLAIROL PROFESSIONAL PERMANENT COLOR

Print date : 07.09.2006

Product code : CLAIROL COLOR

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### 1. Product and Company Identification

#### Commercial product name

CLAIROL PROFESSIONAL PREMIUM CREME COLOR

#### Further product name

SHADES AND FORMULA NUMBERS:

ULTRA RICHE NEUTRALS:

3NN=8260398G ; 4NN=8260396L ; 5NN=8260394K ; 6NN=8260392L ; 7NN=81413136A ;

8NN=81413134E

NEUTRALS:

1N=81413138E ; 2N=82110130I ; 3N=82110160G ; 4N=8211082V ; 5N=82110158F ; 6N=82110166P ;

7N=82110134J ; 8N=82110136L ; 10N=82110128G

GOLD NEUTRALS:

3GN=81413154H ; 4GN=81413152C ; 5GN=8211086R ; 6GN=81413150B ; 8GN=81413148D

GOLD:

3G=82110150E ; 4G =82110148E ; 6G=82110146P ; 7G=82110144F ; 8G=8211090B ; 10G=8211092L

RED NEUTRALS:

3RN=8141392E ; 4RN=81413132A ; 6RN=81413166D ; 7RN=8141398G ; 8RN=8141390I

REDS:

5R=82110138H

HI INTENSITY REDS:

3RR=82110142L ; 4RR=82110140E ; 6RR=82110126B

ASH:

4A=81413164F ; 5AA=8141396F ; 6AA=81413162D ; 7A=81413176B ; 8A=81413160E ; 9AA=81413158C

10A=81413156E

#### Chemical characterization ( preparation )

Finished product maximum <5% dyes

#### Information manufacturer / supplier

Company name : Clairol, P&G Beauty Care  
Street : One Blachley Road  
Place : Stamford, CT 06922  
Internet : www.pg.com  
Telephone: Transportation Emergency telephone USA only: call CHEMTREC 1-800-424-9300  
Emergency telephone : (203) 357-5678  
International Emergency Telephone (collect): 703-527-3887

### 2. Hazards Identification

#### Route(s) of Entry

Inhalation Yes

Ingestion: Yes

Skin: Yes

#### Signs and Symptoms of Exposure

Irritating to eyes. (Risk of serious damage to eyes.)

Irritating to skin.

Irritating to respiratory system.

May cause sensitization by skin contact.

May produce an allergic reaction.

Harmful if swallowed.

Carcinogenicity (NTP) : No

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Carcinogenicity (IARC) : No

Carcinogenicity (OSHA) : No

### 3. Composition/Information on Ingredients

#### Hazardous components

CAS No.	Components	Quantity
615-50-9	2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE)	max.2%
2835-95-2	5-AMINO-O-CRESOL (4-AMINO-2-HYDROXYTOLUENE)	<2%
123-30-8	4-AMINOPHENOL (P-AMINOPHENOL)	<1%
108-46-3	RESORCINOL	<1%
89-25-8	3-METHYL-1-PHENYL-5-PYRAZOLONE (PHENYL METHYL PYRAZOLONE)	<1%
608-25-3	2-METHYLRESORCINOL	<1%
54381-16-7	(P-AMMONIOPHENYL)BIS(2-HYDROXYETHYL)AMMONIUM SULPHATE (N,N-BIS(2-HYDROXYETHYL)-P-PHENYLENEDIAMINE SULFATE)	<1%
591-27-5	3-AMINOPHENOL (M-AMINOPHENOL)	<1%
90-15-3	1-NAPHTHOL	<1%
66422-95-5	2-(2,4-DIAMINOPHENOXY)ETHANOL DIHYDROCHLORIDE (2,4-DIAMINOPHENOXYETHANOL HCL)	<1%
94158-14-2	2-(1,3-BENZODIOXOL-5-YLAMINO)ETHANOL HYDROCHLORIDE	<1%
155601-30-2	1-(HYDROXYETHYL)-1H- PYRAZOLE- 4,5-DIYLDIAMMONIUM SULPHATE (1-HYDROXYETHYL 4,5-DIAMINO PYRAZOLE SULFATE)	<1%
1310-73-2	SODIUM HYDROXIDE	<0.5%
1336-21-6	AMMONIA,AQUEOUS SOLUTION 25%	5% - 15%
5274-65-7	POLYOXYETHYLENE(2) OLEOYL ETHER (OLETH-2)	5% - 10%
141-43-5	2-AMINOETHANOL	3% - 7%
67-63-0	PROPANE-2-OL (ISOPROPYL ALCOHOL)	3% - 5%
68131-39-5	POLYOXYETHYLENE(3) C12-15 ALKYL ETHER (C12-15 PARETH-3)	3% - 5%
61790-41-8	QUATERNARY AMMONIUM COMPOUNDS,TRIMETHYLSOYAALKYL-,CHLORIDES (SOYTRIMONIUM CHLORIDE)	3% - 5%

### 4. First Aid Measures

#### General information

Immediately rinse any splashes on the skin and clothing

#### After inhalation

Move to fresh air.If symptoms persist, call a physician.

#### After contact with skin

Wash off with soap and water.

If skin irritation persists, call a physician.

#### After contact with eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### After ingestion

Do not induce vomiting.

Clean mouth with water and drink afterwards plenty of water.

Call a physician or Poison Control Centre immediately.

### 5. Fire Fighting Measures

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### Suitable extinguishing media

sprayed water stream  
/ alcohol-resistant foam / chemical fire extinguisher  
/ carbon dioxide (CO<sub>2</sub>)

### Special exposure hazards arising from the chemical

The release of the following substances is possible in a fire:  
nitrogen oxides (NO<sub>x</sub>) ;  
carbon oxides

### Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

### Additional information

Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

## 6. Accidental Release Measures

### Personal precautions

Ensure adequate ventilation.  
Avoid contact with skin, eyes and clothing.  
Do not breath in vapours.

### Environmental precautions

Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.

### Methods for cleaning up/taking up

Wipe up with absorbent material (e.g. cloth, fleece).  
After cleaning, flush away traces with water.

## 7. Handling and Storage

### Handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothing.  
Do not breathe vapour .  
Provide sufficient air exchange and/or exhaust in work rooms.

#### Advice on protection against fire and explosion

non-combustible  
If the components are mixed in a bottle:Do not leave the mixture in the closed bottle(bottle may expand/burst)

#### Further information on handling

Follow the instructions  
Do not use hair dyes if you have already experienced an adverse reaction to a hair colorant.  
Do not use the hair dye if the scalp is sensitive or shows abrasions or scratches.  
Do not use to dye eyelashes or eyebrows.  
Use mixture immediately.Do not use any leftovers - Dispose of promptly..  
Do not exceed the development time stated  
Rinse hair well after application  
Do not use when the hair has previously been coloured with metal dyes  
Do not perm the hair immediately before or after dyeing the hair.

### Storage

#### Requirements for storage rooms and vessels

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Keep in a dry, cool place.  
Protect from heat and direct sunlight.  
Keep out of reach of children.

### Further information on storage conditions

Keep at temperatures above 0 °C.  
Keep at temperature not exceeding 40 °C.

## 8. Exposure Controls/Personal Protection

### Exposure limit values

#### Exposure limits

CAS No.	Components	ml/m <sup>3</sup>	mg/m <sup>3</sup>	fib/cc	Category	Origin
7664-41-7	Ammonia	50	35		TWA (8 h)	PEL
141-43-5	Ethanolamine	3	6		TWA (8 h)	PEL
67-63-0	Isopropyl alcohol	400	980		TWA (8 h)	PEL
1310-73-2	Sodium hydroxide	-	2		TWA (8 h)	PEL

### Exposure controls

#### Occupational exposure controls

The maximum occupational exposure limit will not be reached under normal conditions of use

#### Protective and hygiene measures

When using, do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.

#### Hand protection

Wear enclosed gloves.

## 9. Physical and Chemical Properties

### Appearance

Form : gel  
Color : various ; clear  
Odor : perfumed ; ammoniacal

### Important health, safety and environmental information

Test method

#### Changes in the physical state

Flash point : >203°F (95 °C) cc, ISO 3679

#### Oxidizing properties

Not applicable

Water solubility : completely miscible

Viscosity / dynamic : 1500 - 4000 mPa·s

#### Solvent content

3% - 5%

## 10. Stability and Reactivity

### Stability

Stable

### Materials to avoid

strong oxidising agents

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### Possibility of Hazardous Reactions

May occur

## 11. Toxicological Information

### Acute toxicity

Harmful if swallowed. (calculated )

### Corrosive and irritant effects

Eye irritation:

Irritating to eyes. (Risk of serious damage to eyes.)

Skin irritation:

Irritating to skin.

Irritating to respiratory system.

### Sensitising effects

May cause sensitization by skin contact.

May produce an allergic reaction. .

### Carcinogenic/mutagenic/toxic effects for reproduction

4-AMINOPHENOL (P-AMINOPHENOL) :

is classified by the European Union as a mutagen of category 3 "Category 3 corresponds to ""substances and preparations which may induce heritable genetic defects or increase their incidence""."

## 12. Ecological Information

### Ecotoxicity

Contains substances very toxic to aquatic organisms.

### Persistence and degradability

Some constituents are not readily biodegradable.

### Further information

Ecological injuries are not known or expected under normal use.

## 13. Disposal Considerations

### Advice on disposal

In accordance with local and national regulations.

The bottle must be completely empty before disposal

## 14. Transport Information

### US DOT 49 CFR 172.101

#### Proper shipping name

DOT Class: not regulated

### Land transport (ADR/RID)

#### Remarks

Not classified as dangerous in the meaning of transport regulations.

### Marine transport

#### Remarks

Not classified as dangerous in the meaning of transport regulations.

### Air transport

#### Remarks

Not classified as dangerous in the meaning of transport regulations.

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### 15. Regulatory Information

#### U.S. Regulations

##### National Inventory TSCA

Cosmetic products are not regulated under TSCA.

### 16. Other Information

#### Other data

Canada:WHMIS classification: D2B

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*