

## SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Distributor:	COLORDESIGN S.r.l. Via T. Tasso, 7 25086 REZZATO (BS) - ITALY
Trade Name:	<b>Colordesgn Permanent Hair Color Cream with Ceramides and Keratin</b>
Class:	Oxidative dyes. Oxidative Dyes contain intermediate dyes in low concentration, dissolved into a basic creamy base. They are to be mixed with Hydrogen Peroxide before use.
Revision Date:	07/12/2009

## SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients' listing:	The product may contain the following hazardous ingredients:
INCI Name	CAS No. ; Safety & Risk Phrases
Ammonia (Ammonium Hydroxide 28%)	1336-21-6 ; Conc. < 2 (in NH <sub>3</sub> ) ; C ; 34 - 36/37/38
Ethanolamine	141-43-5 ; Conc. < 3 - Xn : R20 R36/37/38 ; S2
p-Phenylenediamine	106-50-3 ; < 3 ; T ; 23/24/25 - 36/37/38 - 43
Resorcinol	108-46-3 ; < 1 ; Xn ; 20/21/22 - 36/37/38
1-Naphthol	90-15-3 ; < 1 ; Xn ; 21/22 - 37/38 - 41
m-Aminophenol	591-27-5 ; < 1 ; Xn ; 20/21/22 - 36/37/38
p-Aminophenol	123-30-8 ; >1 < 3 ; Xn ; 20/21/22 - 36/37/38 - 40
P-Amino-O-Cresol	2835-95-2 ; 1 ; Xi ; 36/37/38
2-Amino-4-Hydroxyethylamino Anisole Sulfate	83763-48-8 ; < 0.4 ; t ; 23/25
n-Phenyl-p-Phenylenediamine	101-54-2 ; >1 < 3 ; Xn ; 20/21/22 - 36/37/38
4-Amino-3-Methylphenol	2835-99-6 ; < 1 ; Xi ; 36/37/38
Toluene-2.5-Diamine Sulfate	615-50-9 ; < 1 ; T Xn Xi N ; 25 - 20/21 - 43 - 51/53
2-Methylresorcinol	608-25-3 ; < 1 ; T ; 25 - 36/37/38
5-Amino-6-Chloro-o-Cresol	54540-50-1 < 1 ; Xn ; 20/21/22
Warning message:	Carefully read the listing of ingredients on the primary or secondary container under "Contains":

## SECTION 3: HAZARDS IDENTIFICATION

### IRRITANT TO THE EYES, RESPIRATORY TRACT AND SKIN.

Oxidative dyes are made of emulsifiers, consistency agents, chelating agents, preservatives and dyes. These dyes are derivatives of polyphenols, aminophenols, naphthols, diaminobenzenes, diaminotoluenes and dispersed organic dyes. To the best of our knowledge Hair color creams are not considered hazardous. None of the ingredients used is prohibited or listed as highly hazardous in accordance with Italian Laws and EEC Directives; nonetheless it's advisable to follow these indications in case of contact with:

**Eyes: WARNING** – Oxidative dyes (even when they're not mixed with peroxide) are irritating to the eyes. When they are mixed with peroxide, the mixture becomes highly irritating and may cause damages to the eyes.

**Skin:** It may cause irritation or sensitization in some individuals.

**Inhalation:** Inhalation of ammonia fumes may be irritating to the respiratory tract.

**Ingestion:** Mildly toxic.

## SECTION 4: FIRST AID MEASURES

Emergency and first aid procedures:

**4.1 Eyes:** Wear off any contact lenses, flush immediately with plenty of water for at least 15 minutes and in case of persistent problems seek medical advice.



**4.2 Skin:** Flush immediately with plenty of water for at least 15 minutes and in case of persistent problems seek medical advice.

**4.3 Ingestion:** In case of a massive ingestion, contact the nearest Poison information centre. Do not induce vomiting and seek medical advice.

**4.4 Inhalation:** In case of a massive inhalation it may be irritating to the first respiratory tract; remove to fresh air. In the event of persistent symptoms, seek medical advice.

## SECTION 5: FIREFIGHTING MEASURES

Flash point (°C)	N/A
Flammable limits	N/A
Extinguishing media	Dry Chemicals, Carbon Dioxide, Foam or Water spray
Special fire fighting procedures	Wear proper protective equipment and a self-contained breathing apparatus.
Unusual fire and explosion hazards	Products involved in a fire may combust, liberating oxides of carbon, Nitrogen and Sulphur.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Steps to be taken in case material is released or spilled.

Ventilate the area. Wear proper protective equipment and shovel/sweep up spilled material. Remove all sources of ignition. Place in a DOT approved container for disposal, according to regulatory agencies' procedures.

### Waste disposal method.

Dispose via treatment system in accordance with appropriate local, state & federal regulations. Do not flush to surface water or sanitary sewer system. Do not reuse the spilled product nor put it back into the original container.

## SECTION 7: HANDLING & STORAGE

**7.1 Handling:** Workers should wear disposable gloves during all phases of handling and should be washing their hands with soap after each application and before eating.

**7.2 Storage:** Store in a cool, clean, dry place, under 50° C and away from point sources of heat e.g. radiant heaters or steam pipes. Do not use nickel made bowls or stirrers. Do not store the product once mixed with peroxide. Store away from food & Beverages.

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

**Wear disposable gloves during the preparation and application; It's advisable to apply a barrier cream on the hands; Use clean working instruments and avoid nickel made instruments. Do not wear custom jewelry.**

Respiratory protection:	N/A
Ventilation:	Use in ventilated rooms
Protection gloves:	Disposable latex gloves or rubber gloves
Eye protection:	N/A - avoid contact
Other protective equipment:	N/A - take off contaminated clothes and wash them before reusing.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Compact cream
Odor:	Ammoniacal
Color:	May vary from shade to shade
pH (25° C):	9 – 12
Boiling point	100° C (about)
Flammability point	N/A



Melting point	N/A
Specific gravity	N/A
Solubility in water	Dispersible

### SECTION 10: STABILITY & REACTIVITY

Stability:	Stable in normal conditions.
Conditions to avoid:	Temperatures exceeding 50° C
Incompatibility:	Acids and nickel made instruments.
Hazardous decomposition products:	Products involved in a fire may combust, liberating oxides of carbon, Nitrogen and Sulphur.

### SECTION 11: TOXICOLOGICAL INFORMATION

LD50 (Species/orally)	N/A
NCI Carcinogenesis Study	N/A
Toxicity evaluation:	The toxicological properties of this product have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with eyes and skin and to prevent inhalation.

### SECTION 12: ECOLOGICAL INFORMATION

Acute effects: May be harmful by inhalation, ingestion or skin absorption. May cause eye irritation. May cause skin irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

### SECTION 13: DISPOSAL CONSIDERATION

Dispose of the unused or partially used product and of the empty containers via treatment system in accordance with appropriate local, state & federal regulations.

### SEZIONE 14: INFORMATION ON TRANSPORT


Store away from food or drink containers.  
**Road and railway transportation:** ADR/RID – N/A  
**Sea transportation:** IMO/MDG – N/A  
**Air transportation:** IATA/ICAO – N/A

### SECTION 15: REGULATORY INFORMATION

To the best of our knowledge Oxidative dyes are not considered hazardous. None of the ingredients used is prohibited or listed as highly hazardous in accordance with Italian Laws and EEC Directives.

Hazard Symbols:	N/A.
Risk Phrases:	R36/37/38 Irritating for eyes, respiratory tract and skin
	R22 Hazardous for ingestion
	R42/43 May cause sensitization for inhalation or skin contact.
Safety Phrases:	S2 Keep out of reach of children.
	S26 In case of contact with eyes, rinse thoroughly and abundantly with water and seek medical advice.

## SECTION 16: ADDITIONAL INFORMATION

**CAUTION:**  Hair dyes may cause serious allergic reactions. Please read and follow the instructions. This product is not intended to be used on people under the age of 16. Temporary black henna tattoos may increase the risk of allergy. Do not dye your hair in presence of: skin eruption on the face; if the scalp is sensitive, irritated or damaged; if you developed an adverse reaction after dyeing your hair previously; if in the past there have been reactions after a black henna tattoo. Avoid contact with eyes. In case of accidental contact, rinse them immediately with water and consult a doctor. Rinse hair well after application. Do not use for dyeing eyelashes nor eyebrows. An allergy test should be performed 48 hours before each coloring process, even on those customers who have already used coloring products before. The absence of a positive response to this test does not guarantee that an allergic reaction may occur following a future coloring treatment. This test is, however, an important precaution. If in doubt, we advise consulting a doctor. Wear protective gloves. Keep out of reach of children. CONTAINS: phenylenediamine, aminophenols, 1-naphthol, resorcinol, ammonia. INSTRUCTIONS FOR USE AND SENSITIVITY TEST: Read and follow the direction for use printed inside the cardboard box. FOR PROFESSIONAL USE ONLY.

**PRELIMINARY SENSITIVITY TEST:** To perform the Sensitivity test please prepare a cotton bud, a tint bowl and a measuring spoon and proceed as follows: 1. Open the product by unscrewing the cap and turning the tube upside down. Hold it securely without squeezing and press the pointed end of the cap into the metal seal, keeping the opening away from face and body. 2. Mix one part of cream and one and a half parts of oxidant (remember to use just a small dose for testing purpose only). In case of shades from the superlift series, the mixing proportion is one part of cream and two and a half parts of oxidant. 3. Close both tube and bottle securely with their own caps. 4. With a cotton bud, apply a small dose of coloring mixture to the inner elbow or behind the ear and let it dry. Do not wash the area in the following 48 hours. Use the leftover coloring mixture to perform the strand test. 5. If no reactions (rash or redness, burning or itching) arise in the 48 following hours then you may proceed with the application of the coloring product. By the way, if after the application the client feels an itching, burning or stinging sensation, rinse immediately.

The information and recommendations set forth herein are presented in good faith and believed as correct as of the date hereof, Colordesign S.r.l. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the receiving will make their own determination as to its suitability for their purposes prior to use. In no event will Colordesign S.r.l. be responsible for damage of any nature whatsoever resulting from the use or the reliance upon information.