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MATERIAL SAFETY DATA SHEET



PROFESSIONAL HAIR PRODUCT  
OXIDATIVE DYES

[www.colordesign.bs.it](http://www.colordesign.bs.it)  
MADE IN ITALY

COVER PAGE



SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Company's details:	Colordesign s.r.l. Via T. Tasso, 7 25086 Rezzato (BS)
Trade Name:	Colordesign color cream
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:	01/01/2005

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
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
o-Aminophenol	95-55-6 ; < 1 ; Xn ; 20/22
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
P-Aminodiphenylamine base	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	615-50-9 ; < 1 ; T Xn Xi N ; 25 - 20/21 - 43 - 51/53
6-Chloro-5-Amino Methyl Phenol	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	
<p><b>IRRITANT TO THE EYES, RESPIRATORY TRACT AND SKIN.</b></p> <p>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:</p> <p>Eyes: <b>WARNING</b> – 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.</p> <p>Skin: It may cause irritation or sensitization in some individuals.</p> <p>Inhalation: Inhalation of ammonia fumes may be irritating to the respiratory tract.</p> <p>Ingestion: Mildly toxic.</p>	

SECTION 4: FIRST AID MEASURES	
Emergency and first aid procedures:	<p>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.</p> <p>4.2 Skin: Flush immediately with plenty of water for at least 15 minutes and in case of persistent problems seek medical advice.</p> <p>4.3 Ingestion: In case of a massive ingestion, contact the nearest Poison information centre. Do not induce vomiting</p>



	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.
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**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.
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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: INFORMAZIONI SUL TRASPORTO

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

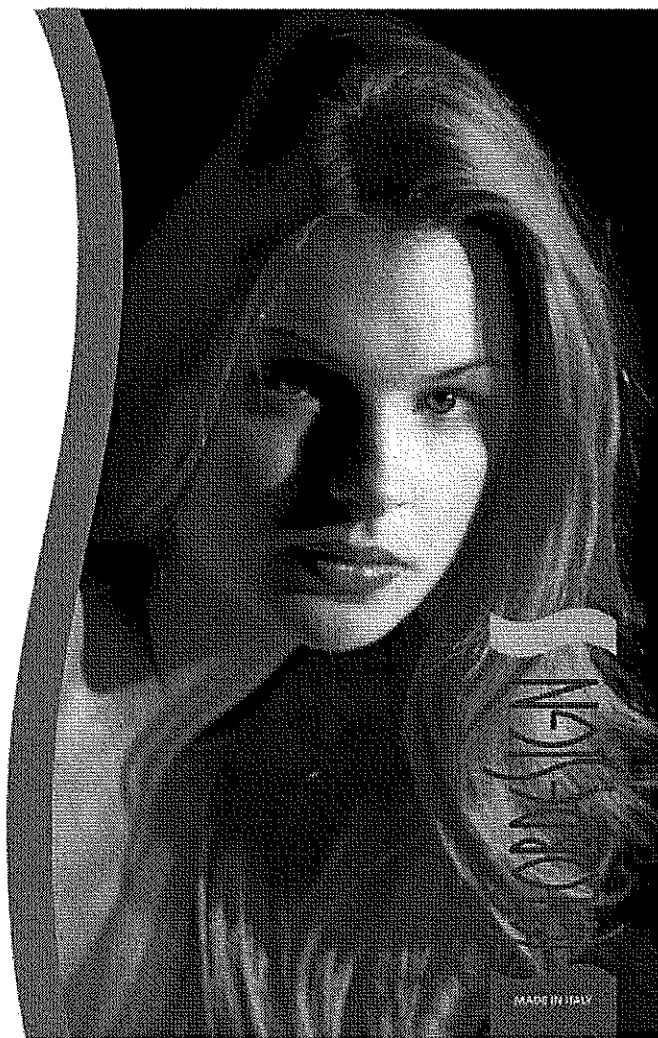
#### SECTION 16: ALTRE INFORMAZIONI

Do not apply on the scalp if broken skin is apparent or if the same is irritated or affected by pathologies. The product may cause an allergic reaction in some individuals. We recommend carrying out a preliminary sensitivity test as follows: clean a small patch of skin behind the ear or in the elbow hollow and apply a bit of ready for use product. Let it dry and repeat the operation three times. Await 48 hours without washing the area; if local reddening, swelling or itching occurs during this time, avoid using the product. Follow the direction for use printed on the container / leaflet. Avoid using the product in a way different than that stated on the containers. Do not use to dye eyebrows and eyelashes. Do not use perm lotions immediately before or after the application of a coloring product. Rinse the hair thoroughly after the application. Do not use on hair previously treated with acid colors. Strictly observe the suggested setting times. Use the prepared coloring mixture immediately. Dispose of the unused coloring mixture. Keep out of reach of children.

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.

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MATERIAL SAFETY DATA SHEET



PROFESSIONAL HAIR PRODUCT

# HYDROGEN PEROXIDE EMULSION

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MADE IN ITALY

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SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Company's details:	Colordesign s.r.l. Via T. Tasso, 7 25086 Rezzato (BS)
Trade Name:	Colordesign Oxidizing Emulsion Cream
Class:	Hydrogen Peroxide Emulsion (H <sub>2</sub> O <sub>2</sub> ). Only for professional use. To be used in combination with Hair coloring or bleaching treatments.
Revision Date:	01/01/2005

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS	
Ingredients' listing:	The product may contain the following hazardous ingredients:
INCI Name	CAS No. ; Safety & Risk Phrases
Hydrogen Peroxide	7722-84-1 ; Conc. 3-12% ; C ; R34 O ; R8
Cetearyl Alcohol	67762-27-0 ; Conc. 1-10% ; NC ;
Ceteareth-20	68439-49-6 ; Conc. < 5% ; Xn ; R22, R36
Warning message:	Carefully read the listing of ingredients on the primary or secondary container under "Contains":

SECTION 3: HAZARDS IDENTIFICATION	
According to Italian legislation and EEC Directives, the above cosmetic products are listed as: Xi – irritating - R36/38 (irritating for eyes and skin). Main Chemical & Physical hazards: Oxidative product; May decompose in case of fire or if in contact with incompatible materials. Side effects – Human health: SLIGHT IRRITATION FOR EYE OR KIN CONTACT. Environment: AVOID CONTAMINATING THE SANITARY SEWER SYSTEM.	

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.
COMMON INFORMATION: In case of doubts or when the symptoms are persisting, always seek medical advice, keeping this MSDS at hand. NEVER ADMINISTER LIQUIDS OR SOLIDS TO UNCONSCIOUS INDIVIDUALS.	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: DO NOT INDUCE VOMITING. Dilute the gastric content by drinking water 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	The product is not flammable. Products involved in a fire



may combust, liberating steam and O <sub>2</sub>
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**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.

8.1 Exposure limits: Exposure limits for the ingredients as shown sub sec. 2: Hydrogen Peroxide – T.L.V. – T.W.A. (ACGIH 2003) = 1 ppm

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

Appearance (at 20° C):	Creamy liquid
Form:	Emulsion
Odor:	Fruity
Color:	Milky white
pH (at 25° C):	2,5 – 3,5
Boiling point	N/A
Flammability point	N/A
Melting point	N/A
Density	1,005 – 1,018 gr/ml
Solubility in water	Dispersible
Viscosity:	2600 cps Range 2000 – 6000 Brookfield DVII+ gir. 6 Vel. 10

**SECTION 10: STABILITY & REACTIVITY**

Stability:	Stable in normal conditions.
Conditions to avoid:	Temperatures exceeding 50° C
Incompatibility:	Acids, Metals, Bases.
Hazardous decomposition products:	Products involved in a fire may combust, liberating steam and O <sub>2</sub> .



#### SECTION 11. TOXICOLOGICAL INFORMATION

Hydrogen peroxide.	LD50 rat, oral 1,193 mg/Kg Rat, inhalation > 0,17 mg/4h Rabbit, cutaneous > 6500 mg/Kg (H <sub>2</sub> O <sub>2</sub> 70%).
Acute effects:	Carcinogenetic effects (duodenum) after a long term oral exposure on mice. No proven effects on humans.
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.

#### SECTION 14. TRANSPORTATION INFORMATION

Store away from food or drink containers.  
Road and railway transportation: ADR/RID – N/A. (Special provision 65 – ADR 2003)  
Sea transportation: IMO/MDG – N/A.  
Air transportation: IATA/CAO – N/A.

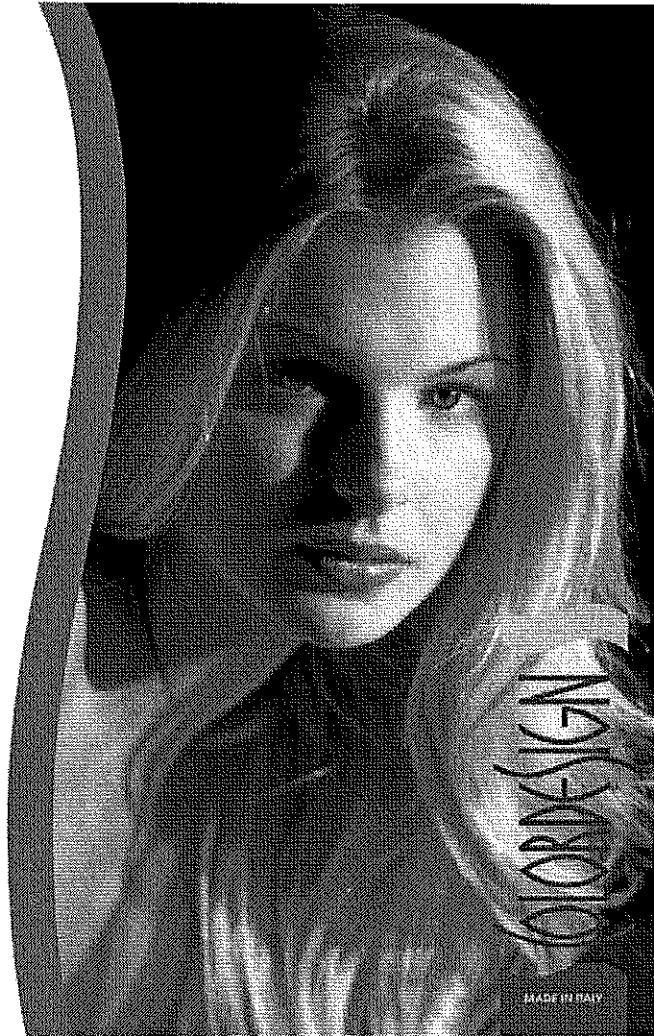
#### SECTION 15. REGULATORY INFORMATION

To the best of our knowledge Hydrogen Peroxide Emulsions are not considered hazardous. None of the ingredients used is prohibited or listed as highly hazardous in accordance with Italian Laws and EEC Directives. The finished product is anyway listed as Xi – IRRITATING.

Hazard Symbols:	N/A.
Risk Phrases:	R36/38 Irritating for eye and skin.
Safety Phrases:	S2 Keep out of reach of children. S25 Do not ingest. Avoid contact with eyes. S26 In case of contact with eyes, rinse thoroughly and abundantly with water and seek medical advice. S28 In case of contact with skin rinse thoroughly and abundantly with water S46 In case of ingestion o, seek medical advice, bringing the bottle or the MSDS along with you.

#### SECTION 16. ADDITIONAL INFORMATION

Follow the direction for use printed on the container / leaflet. Avoid using the product in a way different than that stated on the containers. Rinse the hair thoroughly after the application. Strictly observe the suggested setting times. Keep out of reach of children.  
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.



PROFESSIONAL HAIR PRODUCT  
BLEACHING POWDERS

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MADE IN ITALY



### SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Company's details:	Colordesign s.r.l. Via T. Tasso, 7 25086 Rezzato (BS)
Trade Name:	Colordesign White or Blue Bleach Powder
Class:	Bleaching Powders. Only for professional use. Hair bleaching treatments.
Revision Date:	01/01/2005

### SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients' listing:	The product may contain the following hazardous ingredients
INCI Name	CAS No. ; Safety & Risk Phrases
Potassium Persulfate	7727-21-1 ; Conc. >30% ; O, Xn, Xi, R8, R22, R36/37/38, R42/43
Ammonium Persulfate	7727-54-0 ; Conc. >5 e<15% ; O, Xn, Xi, R8, R22, R36/37/38, R42/43
Sodium Metasilicate	6834-92-0 ; Conc. >5 e<15% ; C, R34, R37
Sodium Lauryl Sulfate	151-21-3 ; Conc. <5% ; Xn, R20/22
EDTA	64-02-8 ; Conc. <5% ; Xi, R41, R52-53
Warning message:	Carefully read the listing of ingredients on the primary or secondary container under "Contains":

### SECTION 3: HAZARDS IDENTIFICATION

According to Italian legislation and EEC Directives, the above cosmetic products are listed as:  
Xn – Hazardous; O - comburent; R8 (May ignite flammable materials); R22 (Hazardous for ingestion); R36/37/38 (irritating for eyes, respiratory tract and skin); R42/43 (May cause sensitization for inhalation or skin contact).  
Main Chemical & Physical hazards: N/A  
Side effects – Human health: N/A. Environment: AVOID CONTAMINATING THE SANITARY SEWER SYSTEM.

### 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.
COMMON INFORMATION: In case of doubts or when the symptoms are persisting, always seek medical advice, keeping this MSDS at hand. NEVER ADMINISTER LIQUIDS OR SOLIDS TO UNCONSCIOUS INDIVIDUALS. Immediately remove contaminated clothes.	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: DO NOT INDUCE VOMITING. Wash the mouth with water WITHOUT INGESTING and seek medical advice.



	4.4 Inhalation: In case of inhalation it may be irritating to the first respiratory tract; remove to fresh air. In the event of persistent symptoms, seek medical advice.
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### 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	This product is COMBURENT. Products involved in a fire may combust, liberating hazardous gases, toxic and corrosive vapors.

### 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 30° C and away from point sources of heat e.g. radiant heaters or steam pipes. Avoid contaminating the powder with Reducing agents such as Perm lotions. 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. Do not wear custom jewelry.

Respiratory protection:	N/A – Avoid inhaling the powder
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.

8.1 Exposure limits: Exposure limits for the ingredients as shown sub sec. 2:  
PERSULFATES – T.L.V. – T.W.A. (ACGIH 2003) = 0.1 mg/m<sup>3</sup> (Irritating).



SODIUM METASILICATE – T.L.V. – T.W.A. (from supplier) = 10 mg/m<sup>3</sup>

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance (at 20° C):	solid
Form:	Not volatile powder
Odor:	characteristic
Color:	white / blue
pH (at 25° C):	10 – 11,5
Boiling point	N/A
Flammability point	N/A
Melting point	N/A
Density	0,55 – 0,70 gr/ml
Titer	55-68%
Specific gravity	0,70-0,90 g/ml
Viscosity:	N/A

SECTION 10: STABILITY & REACTIVITY

Stability:	Stable in normal conditions.
Conditions to avoid:	Temperatures exceeding 30° C
Incompatibility:	Reducing agents (Perm lotions), Acids, Bases.
Hazardous decomposition products:	Products involved in a fire may combust, liberating hazardous gases, toxic and corrosive vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Potassium Persulfate:	LD50 rat, oral 825 mg/Kg Rat, inhalation > 42.90 mg/l/1h Rabbit, cutaneous > 10000 mg/Kg
Ammonium Persulfate:	LD50 rat, oral 820 mg/Kg Rat, inhalation > 2.95 mg/l/4h Rabbit, cutaneous > 2000 mg/Kg
Sodium Metasilicate:	LD50 rat, oral 1125 mg/Kg

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.

#### SECTION 14: TRASPORTATION INFORMATION

Store away from food or drink containers.

Road and railway transportation: ADR/RID – UN 1479 Solid oxidizer N.A.S. (Potassium Persulfate, Ammonium Persulfate), 5.1 III

Sea transportation: IMO/MDG – N/A.

Air transportation: IATA/CAO – N/A.

#### SECTION 15: REGULATORY INFORMATION

To the best of our knowledge Bleaching powders are not considered hazardous. None of the ingredients used is prohibited or listed as highly hazardous in accordance with Italian Laws and EEC Directives. The finished product is anyway listed as: Xn – HAZARDOUS; O – COMBURENT

Hazard Symbols: N/A.

R8	May ignite flammable materials.
R22	Hazardous for ingestion.
R36/37/38	Irritating for eyes, respiratory tract and skin.
R42/43	May cause sensitization for inhalation or skin contact.

S2	Keep out of reach of children.
S8	Store in a cool, dry place.
S22	Do not inhale its powders.
S26	In case of contact with eyes, rinse thoroughly and abundantly with water and seek medical advice
S28	In case of contact with skin rinse thoroughly and abundantly with water
S46	In case of ingestion o, seek medical advice, bringing the bottle or the MSDS along with you.

#### SECTION 16: ADDITIONAL INFORMATION

Follow the direction for use printed on the container / leaflet. Avoid using the product in a way different than that stated on the containers. Rinse the hair thoroughly after the application. Strictly observe the suggested setting times. Keep out of reach of children.

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.

**MATERIAL SAFETY DATA SHEET**  
**OXIDATION DYES**

**SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Manufacturers:	In Italy Haircolor s.r.l. Via Molinetto, 24/26 25082 Botticino (BS)
Commercial name:	Colordesign cream colour
Category:	Oxidation dyes. Oxidation dyes contain coloring intermediates in low concentrations, in a basic creamy support. They are mixed with an oxidizing product (Hydrogen peroxide) before use.
Revision date:	01/01/2004

**SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS**

INGREDIENTS:	It may contain the following dangerous products (±):
INCI Names	CAS no. ; Safety Phrases ; Risk Phrases
Ammonia (Ammonium Hydroxide 28%)	1336-21-6 ; Conc. < 2 (in NH <sub>3</sub> ) ; C ; 34 - 36/37/38
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
o-Aminophenol	95-55-6 ; < 1 ; Xn ; 20/22
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
P-Amino-Diphenylamine base	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	615-50-9 ; < 1 ; T Xn Xi N ; 25 - 20/21 - 43 - 51/53
6-Chloro-5-Amino Methyl Phenol	54540-50-1 < 1 ; Xn ; 20/21/22
Instructions for use:	
Warning message:	Read carefully the list of components printed on both the primary and secondary packaging under "Contains":

**SECTION 3: HAZARDS IDENTIFICATION**

**IRRITANT FOR EYES, RESPIRATORY TRACT AND SKIN.**

Oxidation dyes are preparations which contain, apart from the emulsifiers, the consistency agents, the chelating agents, the reducers, the solvents and the preservatives normally used in such formulations, intermediate coloring dyes and organic dyes of the poliphenols, amino phenols, naphthols, diaminobenzenes, diaminotoluenes families and their derivatives and dispersed organic dyes. These cosmetic preparations, at the stage of finished product for retail, are not subject to Italian Law 14/03/2003 n. 65: application of EEC Directives 1999/45/CE and 2001/60/CE for the classification, packing and labeling of dangerous preparations. The above-mentioned raw materials, for their chemical constitution and concentration, are contemplated in the directory of the products whose use is authorized in the cosmetic products – Hair dyes – abiding Italian Law 11/10/1986 n. 713 and successive modifications and integrations. The preparation is not dangerous, however it is good practice to follow the provisions below in case of manifested danger conditions.

**EYES: DANGER!** – Oxidation dyes, although not mixed with Hydrogen Peroxide are irritant for the eyes. When mixed with an oxidant product (H<sub>2</sub>O<sub>2</sub>) the mixture may cause severe eye irritation and possibly permanent eye injury..

**SKIN:** May cause irritation or sensitization.

**INHALATION:** Inhalation of Ammoniacal fumes may cause irritation of the upper respiratory tract.

**INGESTION:** May be harmful if swallowed.

#### SECTION 4: FIRST AID MEASURES

Emergency and first aid measures:	<p>4.1 EYES: Remove contact lenses (if present) and flush immediately and abundantly for at least 15 minutes with water. Get medical attention.</p> <p>4.2 SKIN: flush immediately and abundantly for at least 15 minutes with water. Get medical attention.</p> <p>4.3 INGESTION: In case of an ingestion of a relevant quantity, contact the nearest Poison centre. Do not induce vomiting unless advised to do so by a doctor.</p> <p>4.4 INHALATION: In case of a massive inhalation it may cause irritation of the upper respiratory tract; remove to fresh air and for persisting symptoms seek medical attention.</p>
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#### SECTION 5: FIREFIGHTING MEASURES

Flammable limits:	Inflammable. In case of fire, cool the containers in order to avoid the decomposition of the preparation that could develop dangerous fumes. In the case of a participation in the fire extinguishing procedures, wear proper protective equipment.
Extinguishing media:	Dry chemical, CO <sub>2</sub> or water

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Shovel / sweep up spilled material and convey to a DOT approved container for disposal, according to regulatory agencies' procedures. Ventilate the area. Wear proper protective equipment. Wash the spillage area, avoiding flushing to surface waters or sewer system. Do not reutilize the spilled product.

##### WASTE DISPOSAL METHOD

Dispose via treatment system in accordance with proper Local, State or Country regulations.

#### SECTION 7: HANDLING AND STORAGE

7.1 HANDLING: by adopting the basic hygiene and personal protection rules in the handling of cosmetic products such as oxidation dyes, no particular measures are necessary..

7.2 STORAGE: Store in a cool, dry and ventilated place, at temperatures not exceeding 50° C and away from heat sources, direct sunlight or electrical appliances. Do not store the product already mixed with Hydrogen Peroxide, as the container may break. Avoid contact with food or beverages.

#### SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

##### General information:

The continued exposure for professional reasons to detergent agents (soap, shampoo, liquid detergents etc.) may provoke an impoverishment of the hydro-lipid layer and of the corneous layer, those constitute the natural barrier of the skin. The impoverishment of such barrier may be a cause of damage of the skin, which therefore is more exposed to the external agents. In such conditions the manipulation of other products normally used in the hairdresser's professional activity, may cause intolerance to the same products and, in the long run, could carry to more serious forms of allergy or irritation. In case the Employer identifies inevitable risks for the manipulation, he's bound to have Personal Protection Equipment (PPE) available to the workers. The use of the PPE supplied by Employer is mandatory.

In the specific case: During application and manipulation wear disposable, high on the forearm, gloves and a protective mask; It is wise to preventively protect the hands with an application of barrier creams; Use clean tools; Avoid nickel tools; Avoid wearing costume jewelry.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick cream
Odor:	Slightly Ammoniacal
Color:	Characteristic Color
pH (25° C):	9 – 12
Boiling point:	@ 100° C
Flash point:	N/A
Melting point:	N/A
Density:	Not Determined
Solubility in water	Dispersible

## SECTION 10: STABILITY AND REACTIVITY

Stability:	The product is stable.
Conditions to avoid:	Temperatures exceeding 50° C
Incompatibility:	Acids and Nickel tools.
Hazardous decomposition products:	Carbon monoxide and dioxide, Nitrogen and Sulphur.

## SECTION 11: TOXOLOGICAL INFORMATION

The product is not hazardous because the contained dangerous substances, whose use is authorized abiding Italian Law 11/10/1986 n. 713 and successive modifications and integrations, are in such amounts not to determine danger. A composite mixture of oxidation dyes has been tested in studies of extended exposure on laboratory animals. No effects on growth, reproductive ability or on the general health status have been observed. In topical studies, no poisoning effects on organs were observed, with the exclusion of limited side effects on the treated skin. Pre-existent dermatitis may worsen as a result of the exposure to this type of products.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available  
 Environmental fate: Not available  
 Physical/Chemical: Not available  
 Other: Not available

## SECTION 13: DISPOSAL CONSIDERATION

The product should be disposed of in a manner consistent with local laws.  
 13.1 Disposal of unused product: Dispose via treatment system in accordance with proper Local, State or Country regulations.  
 13.2 Disposal of used containers: See above.

## SECTION 14: TRANSPORTATION INFORMATION

Store in a place away from food and beverages..  
 Transport: RID, ADR, ICAO, IMO, IMDG: Not applicable

## SECTION 15: REGULATORY INFORMATION

The product is safe, abiding Italian Law 11/10/1986 n. 713 e successive modifications and integrations. Italian Law 14/03/2003 n. 65: application of EEC Directives 1999/45/CE and 2001/60/CE for the classification, packing and labeling of dangerous preparations, does not apply to cosmetic products for retail.

## SECTION 16: ADDITIONAL INFORMATION

Do not apply on the scalp if broken, irritated or affected by pathologies. As the product may provoke an allergic reaction in very sensitive people, it's advised to carry out a preliminary sensitivity test as follows: clean a small area behind the ear or in the elbow hollow with alcohol; apply a small quantity of product (ready for use); repeat the operation three times, letting the product dry between each application. Await 48 hours without rinsing the test area; if in the meantime there are visible signs of itching, swelling or burning, do not use the product. It' anyway up to the end-user to decide whether to undergo a preliminary sensitivity test. The hairdresser should not make any statement on the results of the test and a final judgment should be made by the end user alone.

### Instructions for use:

Follow carefully the instructions for use printed on the main containers or on the accompanying leaflet. Avoid using in a way contradicting those instructions. Do not use to dye eyebrows or eyelashes. Do not use perm lotions immediately prior or afterwards. Rinse thoroughly after the application. Do not use on hair previously colored with progressive dyes. Leave in for the suggested setting time only. Rinse out immediately any dripping on skin or clothes. Use the prepared mixture immediately. Dispose of the unused coloring mixture and do not store it in a closet container as it may swell and explode. Keep away from children; the hairdresser must inform the end user about the warning message printed on the containers, about the contraindications and the possible allergic reaction risks.

The information and recommendations set forth herein are presented in good faith and believed to be as correct as of the date hereof. In Italy Haircolor 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 In Italy Haircolor s.r.l. be responsible for damage of any nature whatsoever resulting from the use of or the reliance upon information. This is a translation of the original Italian MSDS and nor In Italy Haircolor s.r.l. nor the translator shall be responsible for mistakes or inaccuracy of the translation.