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SDS – TECHNICAL INFORMATION SHEET

1: IDENTIFICATION

Product name:	COLORDESIGN permanent color cream with Ceramides and Keratin 100 ml
Product ID:	N/A
Recommended use:	Personal Beauty Care Product. Finished product. Hair color dye for Professional use only.
More Info could be required to:	COLORDESIGN SRL UNIP: Via Caduti del Lavoro, 9 Botticino BS Mail: info@colordesign.bs.it
Emergency phone number (Italy):	See attachment A
Emergency phone number (North America):	Transportation (24 HR) CHEMTREC – 1-800-424-9300 (U.S./Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

2: HAZARD IDENTIFICATION

Classification (EU): Cosmetic product conform with Directive 76/768/CEE and 1223/2009 and classified as **NON DANGEROUS** based on Directive 1999/45/CE. **NON HAZARDOUS** by DOT regulations.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

-Acute toxicity – Oral	Category 4	H302 Harmful if swallowed
-Skin corrosion/irritation	Category 1/B	H314 Causes severe skin burns and eye damage
-Eye damage/irritation	Category 1	H318 Serious eye damage/eye irritation
-Skin sensitization	Category 1	H317 May cause an allergic skin reaction
Signal word	DANGER/WARNING	
Hazard Statements	Harmful if swallowed Causes severe skin burns and eye damage May cause an allergic skin reaction	

Hazard pictograms

Precautionary statements - Prevention

P280 Wear protective gloves and protective clothing & Wear eye/face protection

P261 Do not breathe dust/fumes/gas/mist/vapors/spray

P264 Wash hands thoroughly after handling

Precautionary statements - Response

P301/330/331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P304/341: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or a doctor/physician.

P302/352: IF IN SKIN: Wash with plenty of soap and water.

P333/313: If skin irritation or rash occurs: Get medical advice/attention.

Precautionary Statements - Storage None

Precautionary Statements - Disposal None

Hazards not otherwise classified (HNOC) None

3: COMPOSITION – INFORMATION ON INGREDIENTS

Chemical Description: The product is a mixture. Cosmetic product.

The full list of ingredients is printed on the packaging of the individual products in accordance to the provisions of Regulation 1223/2009 on cosmetic products. Carefully read the ingredients contained in the product indicated on the primary and secondary containers, under the word "contains".

For coloring products, if they are present, it is required the warning message: "Contains: phenylenediamines, phenylenediamines (toluenediamines), Resorcinol". For colors with ammonia it is also mandatory, the warning message "Contains: Ammonia".

For phenylenediamines (Ref. App. III, n. 8a of Regulation 1223/2009 on cosmetic products), if mixed in oxidative conditions, the maximum concentration applied to hair must not exceed 2.0% calculated as free base.

For phenylenediamines (toluenediamines), (Ref. App. III, n. 9a of Regulation 1223/2009 on cosmetic products), if mixed in oxidative conditions, the maximum concentration applied to hair must not exceed 2.0% calculated as free base (3.6% calculated as sulfate salt).

For Resorcinol (Ref. App. III, 22 of the Regulation 1223/2009 on cosmetic products), if mixed in oxidative conditions, the maximum concentration applied to hair must not exceed 1.25%.

Ingredients are listed according to 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation

INCI NAME	WEIGHT w/w)	Hazard	CAS
Ammonium Hydroxide	5 - 10	Corrosive	1336-21-6

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4: FIRST AID MEASURES

General advice: In case of any doubt or when the symptoms are persisting, consult a doctor. Never give anything to an unconscious person.

Eye contact: Remove contact lenses (if present and easy to do so), rinse immediately with plenty of lukewarm water for at least 15 minutes. If irritation persists, consult a doctor.

Skin contact: Rinse immediately skin with water and soap. Take contaminated clothes off and wash them prior to using them again. If skin irritation persists, consult a doctor.

Ingestion: Do not induce vomit. Rinse mouth thoroughly and drink a couple of glasses of water. Consult a doctor or a Poison center immediately.

Inhalation: Take patient to open air and have him breath normally. If symptoms persist, consult a doctor or a Poison Center.

Indication of immediate medical attention and special treatment needed, if necessary.

Notes to physician: Treat symptomatically

5: FIRE-FIGHTING MEASURES

Fire Hazard: Material may be ignited, for example in a fire. Relative hazard is anticipated to be the same as typical combustible materials.

Suitable extinguishing media:	Carbon Dioxide – Powder – Water when fighting fires.
Unsuitable extinguishing media:	None.
Special protective equipment for firefighters:	As in any fire, use self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical:	None known.

6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective gloves/clothing and eye/face protection. Avoid contact with eyes or skin and wear proper protection. Avoid breathing vapor or mists.
Advice for emergency responders:	Use personal protective equipment as required.
Environmental precautions:	Keep out of waterways. Do not discharge product into natural waters without pre-treatment or adequate dilution.
Methods for containment:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up:	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national

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regulations (see section 13).

7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling:

Always store in the original containers. Tightly close the containers after use. Do not use in any way other than that provided in the instructions for use. Do not use metal containers, stirrers or tools. Do not mix with other oxidizing agents (such as hydrogen peroxide or bleaching products) with the exception of those prescribed. Use the dyeing mixture immediately. Any residual dyeing mixture can not be reused and must be disposed of immediately. Do not store the mixture in a closed container (it may swell and burst), in case you use a bottle for mixing the compound. Do not pierce nor burn the containers after use. Deliver only empty containers for recycling. Carefully follow the instructions for use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage conditions

Store in a dry and well ventilated place (at room temperature). Do not store nor use the product near an open flame or a heat source (the product may deteriorate) or under direct sunlight. Do not store the product at temperatures below 5° C or above 40° C.

8: EXPOSURE CONTROL / INDIVIDUAL PROTECTION

General advice

The work environment must be adequately ventilated, possibly with mechanical air circulation/aspiration (Art. 224 and Annex IV DLgs. 81/08 last amended by Legislative Decree 106/2009). The points where emissions of vapors, gases or dust, or spills of substances occur, shall be arranged in distinct areas, with systems of aspiration or collection systems (Annex IV DLgs. 81/08 last amended by Decree 106 / 2009).

In the event that the Employer identifies risks unavoidable by other means, it is required to make available to workers, appropriate personal protective equipment (PPE) (Art. 75 and 225 of Legislative Decree 81/08 last amended by Decree 106 / 2009). PPE must comply with the rules provisioned by Legislative Decree. 475/92 (art. 76 of Legislative Decree no. 81/2008, last amended by Decree 106/2009).

The use of PPE provided by the employer is compulsory (arts. 20 and 78 of Legislative Decree no. 81/2008). In this specific case, during all stages of application, handling and final rinse, use disposable plastic gloves (eg.: polyethylene or nitrile).

The working place should be well ventilated. Good ventilation and good air exchange must be ensured. For professional use, wear protective clothing, goggles and gloves. Use work-tools thoroughly cleaned; Avoid nickel-plated instruments; Avoid wearing jewelry. Do not breathe vapors. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Exposure Guidelines

INCI NAME	CAS	ACGIH TLV	OSHA PEL
Ammonium Hydroxide	1336-21-6	STEL: 35 ppm TWA: 25 ppm	

No relevant exposure guidelines for other ingredients

Exposure controls**Engineering Measures**

No information available

Personal Protective Equipment**Eye Protection****Manufacturing Sites:**

Wear eye/face protection.

Distribution, Workplace and Household Settings:

Requires Eye Protection.

Hand Protection**Manufacturing Sites:**

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Distribution, Workplace and Household Settings:

Protective gloves.

Skin and Body Protection**Manufacturing Sites:**

Wear protective gloves/clothing.

Distribution, Workplace and Household Settings:

No special protective equipment required.

Respiratory Protection**Manufacturing Sites:**

Do not breathe vapors, mist or gas.

Distribution, Workplace and Household Settings:

No special protective equipment required.

Hygiene measures**Manufacturing Sites:**

Wash hands thoroughly after handling.

Distribution, Workplace and Household Settings:

Do not eat, drink or smoke when using this product.

Pictograms:**9: PHYSICAL AND CHEMICAL PROPERTIES****Physical state @20° C:**

Cream

Appearance:

Compact cream

Odor:

Characteristic

Odor threshold:

No information available

Property**pH value****Values**

9.50 – 11.00

Melting/freezing point:

No information available

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Boiling point/boiling range:	@100° C
Flash point:	No information available
Evaporation rate:	No information available
Melting/freezing point:	No information available
Flammability (solid, gas):	No information available
Flammability Limits in Air:	U.F.L.: No information available L.F.L.: No information available
Vapor pressure:	No information available
Vapor density:	No information available
Relative density:	No information available
Water solubility:	Dispersible
Solubility in other solvents:	No information available
Partition coefficient: n-octanol/water:	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	30000 - 100000 cps
VOC Content (%):	Products comply with EU regulations for VOC content in consumer products.

10: STABILITY AND REACTIVITY

Reactivity:	None under normal conditions of use.
Stability:	Stable under normal conditions of use.
Hazardous polymerization:	Hazardous polymerization does not occur.
Hazardous Reactions:	None under normal processing.
Conditions to avoid:	Heath, direct sunlight, sparks, flames, temperatures below 5° C or above 40° C.
Materials to avoid:	Acids and nickel-plated instruments.
Hazardous decomposition products:	Combustion may produce oxides of carbon, nitrogen and sulphur and other vapors those may be harmful to health.

11: TOXICOLOGICAL INFORMATION

Product information:

Information on likely routes of exposure

Inhalation:	No known effect.
Skin contact:	May cause burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed.
Ingestion:	Harmful if swallowed.
Eye contact:	Avoid contact with eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity:	May be harmful if swallowed.
Skin corrosion/irritation:	Causes burns.
Serious eye damage/irritation:	Risk of serious damage to eyes.
Skin sensitization:	May cause skin sensitization by skin contact.
Respiratory sensitization:	No known effect.
Germ cell mutagenicity:	No known effect.

Neurological effects:	No known effect.
Reproductive toxicity:	No known effect.
Developmental toxicity:	No known effect.
Teratogenicity:	No known effect.
STOT – single exposure:	No known effect.
STOT – repeated exposure:	No known effect.
Target Organ effects:	No known effect.
Aspiration hazard:	No known effect.
Carcinogenicity:	No known effect.

Component information:

INCI NAME	CAS	LD50 Oral	LD50 Dermal
Ammonium Hydroxide	1336-21-6	350 mg/kg	

Carcinogens list:

NTP: n.a.

IARC: n.a.

OSHA: n.a.

GHS: n.a.

12: ECOLOGICAL INFORMATION**Ecotoxicity**

The product, when used according to good practices of use and the recommended doses, is not expected to be hazardous to the environment. Do not release to the environment but dispose of, according to current regulations. Avoid waste and do not throw out the product and the packaging.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Other adverse effects: No information available.

13: DISPOSAL CONSIDERATIONS**Waste treatment**

Waste from Residues / Unused Products: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes: (non-household setting)	331
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14: TRANSPORT INFORMATION

NON HAZARDOUS/NON DANGEROUS by all modes of transport:

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DOT: NOT REGULATED.

IMDG: NOT REGULATED.

IATA: NOT REGULATED.

15: REGULATORY INFORMATION

Classification: Finished cosmetic products are manufactured according to Italian Law 1223/2009 and its amendments. Cosmetic products are specifically excluded from the application of national and European law on dangerous products.

EU Legislation Reference: European Regulation (CE) 1223/2009

Labeling: Compliant with European Standards.

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

INCI NAME	CAS NO.	SARA 313 – THRESHOLD VALUES %
Ammonium Hydroxide	1336-21-6	1.0

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

INCI NAME	CAS NO.	HAZARDOUS SUBSTANCES RQs
Ammonium Hydroxide	1336-21-6	1,000 lb
EDTA	60-00-4	5,000 lb
p-Phenylenediamine	106-50-3	5,000 lb
Resorcinol	108-46-3	5.000 lb

Food and Drug Administration (FDA)

The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

International Inventories

United States

Product is a personal care product and regulated under FDA.

Canada

This product is in compliance with CEPA for import.

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Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

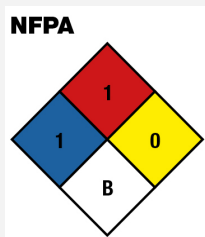
CEPA - Canadian Environmental Protection Act

Perfumes contained with the products comply with appropriate IFRA guidelines.

Labeling: complying with European & North Americans guidelines.

16: ADDITIONAL INFORMATION

U.S. Federal Regulations



HMIS	
HEALTH	1
FLAMMABILITY	1
PHISICAL HAZARD	0
PERSONAL PROTECTION	B

HAZARD RATING SYSTEMS: This information is for people trained in: National Paint & Coatings

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TECHNICAL INFORMATION SHEET

What is it:

It's an instrument of information, on hygiene and safety, drawn up to assist employers to comply with the obligations of the DLgs. 81/08.

In fact, the professional user is safeguarded by the DLgs. 81/08 and subsequent amendments and additions, which requires the employer to make a risk assessment for the safety and health of workers (Art. 28 Legislative Decree no. 81/08). The decree defines (Title IX, art. 222) as hazardous chemicals, not only the substances and mixtures that meet the classification criteria of the relevant rules, but also those agents that may pose a risk to the safety and health of workers because of their chemical-physical, chemical or toxicological properties and the way they are used or present in the workplace, including any chemical agent assigned of an occupational exposure limit value (Art. 222 (1) (b) (3)).

Please note that the Regulation 1223/2009 defines the end-user: a consumer or professional using the cosmetic product ⁽¹⁾, by failing to provide any distinction between these two figures.

What it is not:

This is not considered a safety data sheet (SDS) as:

- The finished cosmetic products are excluded from the Regulation (EC) No. 1907/2006 (REACH) as regards the obligation concerning safety data sheets (art. 31 and 32) ⁽²⁾;
- The finished cosmetic products are totally excluded from the scope of Regulation 1272/2008 (CLP) ⁽³⁾, as previously required by Directive 1999/45 / EC on dangerous preparations ⁽⁴⁾, and as such they are excluded from classification and hazard and the provisions relating to safety data sheets [art. 1 (5) (c) of Regulation 1272/2008 and Directive 1999/45].

¹ Regulation No. 1223/2009 of the European Parliament and of the Council dated 30 November 2009 on cosmetic products, Article 2, Paragraph 1, Letter F.

² Regulation 1907/2006 of the European Parliament and of the Council dated 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

³ Regulation No 1272/2008 of the European Parliament and of the Council dated 16 December 2008 on the Classification, Labeling and Packaging of substances and mixtures.

⁴ Directive 1999/45/EC of the European Parliament and of the Council dated 31 May 1999 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous preparations.

LEGEND:

All parts enclosed in a frame with a light gray background, relate ONLY to North America and Canada.



www.colordesign.bs.it

COLORDESIGN | **HAIRDESIGN**

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ISSUING DATE: 30 SEPT 2014
REVISION DATE: 01 MARCH 2021
REASON FOR REVISION: Updating

DISCLAIMER:

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best company's knowledge. The information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanism to prevent employee exposures, property damage, or release to environment.

COLORDESIGN SRL UNIPERSONALE assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

END OF SDS

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ATTACHMENT A

CENTRI ANTIVELENI IN ITALIA

ANCONA

ISTITUTO MEDICINA SPERIMENTALE VIA RANIERI 2 - TEL.071/2204636

BOLOGNA

OSPEDALE MAGGIORE
VIA LARGO NEGRISOLI 2 - 051/6478955

CATANIA

OSPEDALE GARIBALDI CENTRO RIANIMAZIONE PIAZZA S. MARIA GESU' - TEL.095/7594120

CESENA

OSPEDALE MAURIZIO BUFALINI VIALE GHIROTTI - TEL.0547/352612

CHIETI

OSPEDALE SANT.MA ANNUNZIATA TEL.0871/345362

FIRENZE

ASL 10D / UNIVERSITA'DEGLI STUDI
VIALE G.B.MORGAGNI 65- TEL.055/4277238

GENOVA

IST. SCIENTIFICO G.GASLINI
LARGO G.GASLINI 5 -TEL.010/56361-010/3760603

GENOVA

OSPEDALE SAN MARTINO
VIA BENEDETTO XV, N.10 - TEL.010/352808

LA SPEZIA

OSPEDALE CIVILE S. ANDREA
VIA VITTORIO VENETO - TEL.0187/533296

LECCE

OSPEDALE GEN.REGIONALE VITO FAZZI Piazza Filippo Muratore 1 - 73100 Lecce (LE) –
TEL.0832/665374 – 0832/661111

MESSINA

UNITA' DEGLI STUDI DI MESSINA
VILLAG. SANTISSIMA ANNUNZIATA - TEL.090/221245145

MILANO

OSPEDALE NIGUARDA CA' GRANDE
PIAZZA OSPEDALE MAGGIORE 3 - TEL.02/66101029 <http://www.ospedale-niguarda.it/cav>

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NAPOLI

OSPEDALI RIUNITI CARDARELLI
VIA ANTONIO CARDARELLI 9 - TEL.081/5453333- 081/7472870 ISTITUTO FARMACOLOGIA E
TOSSICOLOGIA
VIA COSTANTINOPOLI 16 - TEL.081/459802

PADOVA

DIP. FARMACOLOGIA UNIVERSITARIA
LARGO EGIDIO MENEGHETTI 2 - TEL.049/8275078

PAVIA

FOND. S. MAUGERI
Clinica del Lavoro e della Riabilitazione I.R.C.C.S. VIA S. BOEZIO 26 - TEL.0382/24444

PORDENONE

OSPEDALE CIVILE CENTRO RIANIMAZIONE
VIA MONTEREALE 24 - TEL.0434/399698 - 0434/550301

REGGIO CALABRIA

CENTRO RIANIMAZIONE
OSPEDALI RIUNITI "Bianchi - Melacrino - Morelli" VIA G. MELACRINO - TEL.0965/811624

ROMA

POLICLINICO GEMELLI
IST. DI ANESTESIOLOGIA E RIANIMAZIONE LARGO AGOSTINO GEMELLI 8 - TEL.06/3054343
POLICLINICO UMBERTO I
VIALE del Policlinico - TEL.06/490663 <http://w3.uniroma1.it/cav/>

TORINO

UNIVERSITA' DI TORINO
Istituto Anestesia e Rianimazione
CORSO ACHILLE MARIO DOGLIOTTI - TEL.011/6637637

TRIESTE

OSPEDALE INFANTILE Burlo Garofalo
VIA DELL' ISTRIA 65/1 - TEL.040/3785373