

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Distributor:	COLORDESIGN S.r.l. Via T. Tasso, 7 25086 REZZATO (BS) - ITALY
Commercial Name:	Colordesign Oxidizing Emulsion Cream 30 & 40 Volumes
Category:	Hydrogen Peroxide Emulsion (H ₂ O ₂). Professional Use. To be used in combination with hair coloring or bleaching products.
Compilation date:	01/01/2009

SECTION 2: COMPOSITION & INFORMATION ON INGREDIENTS

2.1 Generic composition:

The emulsion consists of: Aqua (Water), Hydrogen Peroxide, Cetearyl Alcohol, Laureth-3, Hexyl Decyl Laurate, Cetareth-20, Paraffinum Liquidum (Mineral Oil), Cetrimonium Chloride, Hexyldecanol, Polysorbate-20, Methylparaben, Tetrasodium EDTA, Oxyquinoline Sulfate, Etidronic Acid, Simethicone, Phosphoric Acid, Parfum (Fragrance).

2.2 Composition of Hazardous components according to Directive 1999/45/CE:

The product is classified as hazardous as specified at section 3.1

2.2a Contained substances considered to be a health hazard according to Directive 67/548/EEC and subsequent amendments, for which there are known exposure limits:

Chemical name	EINECS no.	Conc. Range %	CAS no.	Symbols	R Phrases
Hydrogen Peroxide		< 8%	7722-84-1	C – Corrosive O – Comburent	R8, R34
Fatty Alcohol Etoxylate		< 5%	67762-27-0	Xn – Harmful	R22, R36

2.3 List of hazardous substances for products not classified as hazardous in accordance with 1999/45/CE: N.A.

2.4 Classification derived from articles 4 and 6 of Directive 67/548/CE: Full text of the pertinent R Phrases is specified at Section 16.

SECTION 3: HAZARDS CLASSIFICATION

These cosmetic products as finished products for consumer's use are classified as:



Xi – irritant – O - Comburent

3.1 Specific risks:

R36/38 Irritant to eyes and skin

R8 Contact with combustible material may cause fire

3.2 Main Chemical-Physical hazards:

OXIDISING PRODUCT. DANGER OF DECOMPOSITION UNDER INFLUENCE OF HEAT. RISK OF DECOMPOSITION WHEN IN CONTACT WITH INCOMPATIBLE SUBSTANCES.

3.3 Negative effects:

Health – SLIGHT IRRITATION WHEN IN CONTACT WITH SKIN AND EYES.

Environment – PROODUCT NOT ENVIRONMENTALLY INDIFFERENT. AVOID DISCHARGE TO SEWER.

Symptoms associated with proper/improper use: please refer to section 4.

Other hazards: it may cause an allergic reaction in predisposed individuals.

SECTION 4: FIRST AID MEASURES

GENERAL INSTRUCTION: In case of doubt or when symptoms persist, seek medical advice, keeping the product safety data sheet handy. Never give anything by mouth to an unconscious person.

4.1 CONTACT WITH EYES: REMOVE CONTACT LENSES (IF APPLICABLE), WASH IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

4.2 CONTACT WITH SKIN: WASH WITH PLENTY OF WATER.

4.3 INGESTION: DO NOT INDUCE VOMITING. DILUTE STOMACH CONTENT WITH WATER AND SEEK MEDICAL ADVICE.

4.4 INHALATION: MOVE THE INTOXICATED PERSON TO A WELL-VENTILATED AREA.

SECTION 5: FIRE-FIGHTING MEASURES

The product is not flammable. In the event the products should be involved in a fire, first of all cool them down to avoid decomposition of the product which may develop hazardous fumes. When acting to extinguish the fire, use adequate Personal Protection Equipment.

5.1 Suitable extinguishing agents: Atomized water.

5.2 Extinguishing agents UNSUITABLE for safety reasons: Chemical powder or foam.

5.3 Special protective equipment for fire-fighters: Full protective clothing and equipment.

SECTION 6: MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Personal precaution: KEEP UNNECESSARY PERSONNEL AWAY FROM THE AREA AND ISOLATE THEM. ENSURE PROPER VENTILATION OF THE PREMISES. WEAR PERSONAL PROTECTION EQUIPMENT.

6.2 Environmental precaution: IN CASE OF SPILLING, CONTAIN THE SPILL WITH BINDING MATERIAL (SAND, SOIL, ETC.) AND COLLECT IN SUITABLE CONTAINERS FOR DISPOSAL. DO NOT DISCHARGE IN THE SEWER SYSTEM, IN SURFACE OR IN UNDERGROUND WATERS.

6.3 Cleaning methods: ABSORB THE PRODUCT WITH INERT MATERIAL. AVOID CONTAMINATION OF THE SEWER SYSTEM.

SECTION 7: HANDLING & STORAGE

7.1 Handling: AVOID CONTACT WITH EYES, SKIN AND MUCOUS MEMBRANES. HANDLE WITH SPECIAL CARE. WEAR SUITABLE PROTECTIVE CLOTHING.

7.2 Storage: STORE AWAY FROM OPEN FLAME, SPARKS OR OTHER SOURCES OF IGNITION. STORE IN COOL AND WELL VENTILATED PLACES. AVOID EXCESSIVELY HIGH TEMPERATURES.

SECTION 8: PERSONAL PROTECTION / EXPOSURE CONTROL

8.1 Exposure limit values:

Exposure limit values of ingredients listed in section 2 of the safety sheet:

Hydrogen Peroxide – T.L.V. – T.W.A. (ACGIH 2003) = 1 ppm (Irritant / Pulmonary Edema / Central Nervous System).

Note: Known carcinogen in animals, with unknown relevance in men.

8.2 Exposure control:

Exposure Controls:	USUAL FOR CHEMICAL PRODUCTS.
Respiratory Protection:	NOT NECESSARY, BUT AVOID INHALING VAPOURS.
Hands Protection:	WEAR ACID-RESISTANT GLOVES.
Eye Protection:	NOT REQUESTED, BUT AVOID CONTACT WITH EYES.
Skin Protection:	NOT NECESSARY BUT TAKE OFF CONTAMINATED CLOTHING AND WASH THEM PRIOR TO WEARING THEM AGAIN.

SECTION 9: CHEMICAL & PHYSICAL PROPERTIES

Physical state (at 20° C):	Creamy liquid
Color:	Milky white
Form:	Emulsion
Odore:	Fruity
pH aqueous solution (conc.):	2,5 – 3,5
Boiling point / boiling range	N.A.
Flammability point (liquid)	N.A.
Infiammabilità	N.A.
Danger of Explosion	Non explosive
Danger of Combustion	Comburent
Vapour Pression	N.A.
Relative density	1,005 – 1,018 gr/ml
Water solubility	Soluble
Fat solubility	Not soluble
Viscosity:	2600 cps Range 2000–6000 Brookfield DVII+ Spindle no. 6 / Speed 10

SECTION 10: STABILITY & REACTIVITY

10.1 Stability: Il prodotto è stabile nelle normali condizioni di temperatura e pressione.
10.2 Conditions to avoid: High temperatures (> 50° C)
10.3 Materials to avoid: ACIDS, METALS, BASES.
10.4 Hazardous decomposition byproducts: VAPOUR AND OXYGEN.

SECTION 11: TOXICOLOGICAL INFORMATION

INGESTION:	Man: Oral-Laryngeal Lesions LD50 rat, oral 1500 mg/Kg
INHALATION:	Man: Risk of irritation to the respiratory tract in case of strong Concentrations of vapours. Rat, inhalation > 0,17 mg/m ³ /4h
SKIN:	Man: Causes burning, swelling, erythemas. Rabbit, skin > 6500 mg/Kg (H ₂ O ₂ at 70%).
EYE CONTACT:	Man: Causes irritation and irreversible damage.
ACUTE EFFECTS:	Carcinogen effect, duodenum, after prolonged exposure by mouth on mice. No proven effect on man.

SECTION 12: ECOLOGICAL INFORMATION

Use this product according to good working practices, avoiding its dispersal in the environment.	
12.1 Ecotoxicity:	No data available.
12.2 Aquatic toxicity:	No data available
12.3 Bioaccumulation:	It decomposes, no bioaccumulation.
12.4 Persistence / Degradability:	Non-persistent product, biodegradable. in the air, it breaks down through photolysis. in water, it decomposes into oxygen and water.

SECTION 13: DISPOSAL INSTRUCTION

The product is classified as dangerous.

13.1 Disposal of products: SEND TO AUTHORISED DISPOSAL PLANTS.

13.2 Disposal of contaminated containers: IN COMPLIANCE WITH LOCAL OR NATIONAL REGULATIONS.

SECTION 14: INFORMATION ON TRANSPORT

Keep away from food and beverages.

UN no. 2984

Road or Railway Transport:



ADR/RID

Class: 5.1

Packaging group: III

UN no. 2984

Classification code: O1

Label: 5.1

Proper name for shipping: HYDROGEN PEROXIDE, IN AQUEOUS SOLUTION.

Marine Transport:



IMO/MDG

Class: 5.1

Packaging group: III

UN no. 2984

Marine pollutant: NO

EmS F-H, S-Q

Proper name for shipping: HYDROGEN PEROXIDE, IN AQUEOUS SOLUTION.

Air Transport:



IATA/ICAO

Not classified.

Class: 5.1

Packaging group: III

UN no. 2984

ERG Code: 5L

Proper name for shipping: HYDROGEN PEROXIDE, IN AQUEOUS SOLUTION.

SECTION 15: REGULATORY INFORMATION

Classification pursuant to regulation on dangerous substances and preparations - Italian Legislative Decree no. 65 of 14/03/03 – which is the implementation of Directives 1999/45/CE and 2001/60/CE:



Xi – IRRITANT / O - COMBURENT

Risk Phrases:	R36/38	Irritant to eyes and skin.
	R8	Contact with combustible material may cause fire.
Safety Phrases:	S2	Keep out of the reach of children.
	S25	Do not ingest and avoid contact with eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	In case of contact with skin, wash immediately with plenty of water.
	S46	If swallowed, seek medical advice immediately and show the container or label.

SECTION 16: ADDITIONAL INFORMATION

Full text of pertinent R Phrases:

R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritant to eyes.
R36/38	Irritant to eyes and skin.

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.