



MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1223/2009

COLOR ENERGY 10/20/30/40 OXIDIZING FOR OXIDATION HAIR DYES

Rev. 0. Data. July 2021.

This safety data sheet cancels and replaces any previous edition.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1 Identification of the product

Denomination: Color Energy 10/20/30/40 vol 1000 ml

1.2 Relevant identified uses of the substance or mixture and uses advised against

Emulsion of hydrogen peroxide (H_2O_2). Professional use. To be used combined with hair colour creams or hair bleachers.

1.3 Details of the supplier of the safety data sheet

Produced by: **HAIR BIOLOGIC SYSTEM srl**

Via Padre Antonio Casamassa, 87 - 00119 Roma

tel: +39 06 5652045 - fax: +39 06 5652150 - info@hbssrl.com - www.jalyd.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

P phrases	P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
	P220	Keep away from clothing and other combustible materials.
	P221	Take any precautions to avoid mixing with combustibles/incompatible materials.
	P280	Wear protective gloves, protective clothing, eye protection, face protection.
	P370 + P378	In case of fire extinguish with water/carbon dioxide (H_2O)/ CO_2 , or with extinguishing powder.
	P501	Dispose of content in conformity with local and national regulatory.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances for health and as for 1272/2008 (CLP) regulation and subsequent revisions or limited exposition substances:

- Hydrogen Peroxide CAS 7722-84-1

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: take off all contaminated clothing immediately. Never give anything by mouth to an unconscious person. Remove from exposure, like down. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: remove to fresh air. Call a physician immediately.

Skin contact: wash off immediately with soap and plenty of water. Obtain medical attention.

Eye contact: in the case of contact with eyes, rinse immediately with plenty of water.

If a person vomits when lying on his back, place him in the recovery position. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed.

For symptoms and effects caused by the contained substances see chap.11.

4.3 Indication of any immediate medical attention and treatment needed.

Follow doctor's orders.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: water, water spray, CO₂, foam. Water or water spray has to be used until complete extinguishing.

In case of big fires, wear breathing apparatus and complete protective clothing.

Unsuitable extinguishing media: high volume water jet.

5.2 Special hazard arising from the substance or mixture

Specific hazards: cool closed containers exposed to fire with water spray. Fight any surrounding fire with suitable fire-extinguishing agents.

Flood small amounts of decomposing products with water (add foaming agent to the water for better penetration).

Remove any unaffected product. Control smoke with water spray.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

Further information: do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wear personal protective equipment. Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

Should not be released into the environment. Do not contaminate water. Do not allow material to contaminate ground water system. If the product contaminated rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up.

Remove mechanically and with care (e.g. with clean polyethylene plastic shovel). Avoid dust formation.

Wash small residues with plenty of water.

6.4 Reference and other sections.

Never add other substances or waste material to product residue. Move product residue to a safe place and dispose of properly.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling: for personal protection see section 8.

Never pour product residue back into storage container. Risk of decomposition.

Provide adequate ventilation/aspiration in working areas. Avoid the formation of electro-static charges.

7.2 Conditions for safe storage, including any incompatibilities.

Keep away from combustible materials.

Electrical installations/working materials must comply with the technological safety standards. Opened containers must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. No smoking. Avoid impurities (e.g. rust, dust, ash), risk of decomposition.

Store apart from other dangerous and incompatible substances.

Store in cool (below 30°C) and dry areas. Avoid contamination and avoid the presence of reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break.

AVOID humid organic material as paper towel, wood, clothes, etc. which could induce spontaneous combustion. Protect from heat and sunlight; never store outdoors. Store separately from dangerous and incompatible substances.

7.3 Specific end use(s)

Information not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Other information on limit values: see chapter 16.

Exhaust ventilation is required where the products are stored and/or handled. Keep far from food, drink and animal feeding stuff.

8.2 Exposure controls

Provide adequate ventilation.

Personal protective equipment:

Respiratory protection: not requested for normal use; avoid inhalation when containers are open, protect the face.

Skin/hands protection: wear protective gloves.

Eye protection: not requested. Avoid contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	white creamy liquid
Odour	none
Bulk density	1.02 g/ml
Solubility in water	soluble
Melting point	not known
Boiling point	not known
pH	2.00-3.00
% Hydrogen Peroxide	3-6-9-12 %

10. STABILITY AND REACTIVITY

10.1 Reactivity: the product does not undergo decomposition if handled in accordance with regulations.

10.2 Chemical stability: the product is stable in security conditions, up to 40 °C; above this temperature it slowly starts to decompose, giving rise to small quantities of oxygen.

10.3 Possibility of hazardous reactions. Build-up of dangerous/toxic fumes possible in case of fire/high temperature.

10.4 Conditions to avoid: heat, moisture, reducing agents such as waving lotions.

10.5 Incompatible materials: acids, alkali, halides, metals, burning and combustible materials. Do not use metallic bowls or stirrers.

10.6 Hazardous decomposition products: oxygen.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

This product contains ingredients that may present health hazard. These ingredients are irritating to skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may induce skin sensitization and respiratory hypersensitivity.

12. ECOLOGICAL INFORMATION

Always follow good hygienic work practices. Avoid product dispersion in the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not dispose of the product together with domestic waste. Do not let it enter the drainage system. Disposal should be in accordance with applicable local and state regulations.

14. TRANSPORT INFORMATION

Road/railway transport (ADR/RID-GGVS/E)
NOT APPLICABLE

Marine transport (IMO/IMDG)
NOT APPLICABLE

Air transport (ICAO/IATA)
NOT APPLICABLE

15. REGULATORY INFORMATION

Classification Regulation (EC)

P phrases	P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
	P220	Keep away from clothing and other combustible materials.
	P221	Take any precautions to avoid mixing with combustibles/incompatible materials.
	P280	Wear protective gloves, protective clothing, eye protection, face protection.
	P370 + P378	In case of fire extinguish with water/carbon dioxide (H ₂ O)/CO ₂ , or with extinguishing powder.
	P501	Dispose of content in conformity with local and national regulatory.

16. FURTHER INFORMATION

This information is based on our present state of knowledge and is intended solely to describe our product in terms of safety requirements. It should not be construed in any way, as guaranteeing specific properties.