

**SECTION 1: Identification of the substance or mixture and company/firm**

**1.1 Identification of product**

Commercial name: OXI COLOR 20VOL

**1.2 Relevant uses identified for the substance or mixture and contraindicated uses**

Treatment for coloured and colour-removed hair. Cosmetic product for professional use

**1.3 Information on the supplier of the schedule and safety data**

Famasar Srl - Via Giulio Verne 21 - 00157 Roma (IT)

Telephone number for urgent calls to the company and/or to an official consultancy body:

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**SECTION 2: Identification of hazards**

**2.1. Classification of substance or mixture**

2.1.1 Classification according to Regulation (EC) No. 1272/2008



Serious eye damage, Cat. 1

Acute toxicity, Cat. 4

Skin irritant, Cat. 2

Hazard H318: Causes serious eye damage.

Attention H302:Harmful if swallowed.

Attention H315: Causes skin irritation

**2.2 Labelling elements**



GHS05

GHS07

Warning: Hazard

Hazard indications:

H318 Causes serious eye damage.

H302 Harmful if swallowed

H315 Causes skin irritation

Safety recommendations – Prevention:

P264 Wash affected parts/clothing carefully after use

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection..

Safety recommendations – Reaction:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatments: in case of contact with the skin see section 4 of this safety schedule

P330 Rinse mouth.

P332+P313 If skin irritation occurs: Get medical advice/attention

P362 + P364 Take off contaminated clothing and wash before reuse.

Safety recommendations – Disposal:

P501 Dispose of the product/vessel in accordance with local regulations.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Information not relevant

**3.2 Mixtures**

Type of product and use: Cosmetic mixture for professional use

Hazardous components according to EEC Directive 67/548 and the CLP Regulation and associated classification.

<u>Substance</u>	<u>%</u>	<u>CAS</u>	<u>EINECS</u>	<u>Hazard class</u> <b>(according to Reg. 1272/2008)</b>
<b>Hydrogen peroxide</b> INCI: Hydrogen Peroxide	6 %	7722-84-1	231-765-0	Acute Tox. 4 H302 Eye Dam. 1 H318 STOT SE 3 H335 Skin Irrit. 2 H315
<b>Fatty alcohol ethoxylate</b> INCI: Ceteareth-20	0.1 – 1%	68439-49-6	/	Acute Tox. 4 H302 Eye Dam. 1 H318
<b>Quaternary conditioning</b> INCI: Cetrimonium Chloride	0.1 – 1%	112-02-7	203-928-6	Acute Tox. 4 H302 Eye Dam. 1 H318 Skin Irrit. 2 H315 Aquatic Acute 1 H400
<b>Mineral Oil</b> INCI: Paraffinum Liquidum	0.1 – 1%	8042-47-5	232-455-8	Asp. Tox. 1 H304
<b>Fatty alcohol ethoxylate</b> INCI: Laureth-3	0.1 – 1%	3055-94-5	221-280-2	Eye Dam. 1 H318 Aquatic Acute 1 H400
<b>Tetrasodium EDTA</b> INCI: Tetrasodium EDTA	< 0.1%	64-02-8	200-573-9	Acute Tox. 4 H302; H332 Eye Dam. 1 H318
<b>Phosphoric acid</b> INCI: Phosphoric Acid	< 0.1%	7664-38-2	231-633-2	Skin Corr 1B H314 Met. Corr 1 H290
<b>Etidronic Acid</b> INCI: Etidronic Acid	< 0.1%	2809-21-4	220-552-8	Eye Dam. 1 H318 Skin Irrit. 2 H315 Met. Corr 1 H290
<b>Oxyquinoline Sulphate</b> INCI: Oxyquinoline Sulphate	< 0.1%	134-31-6	205-137-1	Acute Tox. 4 H302

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

General instructions: If in doubt or when symptoms persist, seek a doctor, keeping the compound's safety schedule available. Do not administer any substance orally to unconscious persons. Remove contaminated clothing immediately.

In case of inhalation: remove the casualty to the open air; if respiration stops or is difficult, perform artificial respiration. Call a doctor immediately

In case of contact with the skin: remove contaminated clothing and take a shower. Call a doctor immediately. Wash the contaminated clothing separately before reusing.

In case of contact with the eyes: wash immediately and thoroughly with water for at least 15 minutes. If used, remove contact lenses. Consult a doctor immediately.

In case of ingestion: rinse the mouth thoroughly without swallowing. Call a doctor immediately.

**4.2 Main symptoms and effects, both acute and delayed**

For symptoms and effects due to the content substances see chapter 11.

**4.3 Indication of need to consult a doctor and special treatments immediately**

Follow the doctor's instructions

**SECTION 5: Fire prevention measures**

**5.1 Fire extinguishers**

**5.1.1 SUITABLE fire extinguishers**

Product not inflammable. Water mist extinguisher to be used if necessary.

**5.1.2 UNSUITABLE fire extinguishers**

Do not use chemical powder or foam.

**5.2 Special hazards deriving from the substance or mixture**

Hazards due to exposure in case of fire

Avoid respirating combustion products.

**5.3 Fire extinguishing guidelines for employees**

General Information

In case of fire always don complete fire protection equipment.

Equipment

Protective helmet with visor, fire protective equipment (fire protective jacket and trousers with belts around arms, legs and waist), safety gloves (protective against fire, cutting and dielectric protection), self-protecting respirator.

**SECTION 6. Accidental spillage measures**

**6.1. Personal safety, protection devices and procedures in case of emergency.**

Remove all sources of ignition (cigarettes, flames, sparks, etc.) from the area where the leakage occurred. Avoid inhaling the dust. Block the leakage if not dangerous to do so. Do not handle damaged containers or leaking product without having first donned the appropriate protection equipment. Remove all persons who are not equipped. For all information regarding risks to the environment and health, protection of the airways, ventilation and personal protection equipment, refer to the other sections of this schedule.

**6.2. Environmental precautions.**

Prevent the product from entering sewers, surface waters, ground water and confined areas.

**6.3. Methods and materials for containment and for reinstatement.**

Absorb the product with inert material.

**6.4. Reference to other sections.**

Any information regarding personal protection and disposal is provided in section 8 and 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling.**

Do not smoke when handling and using. Avoid contact with the skin and eyes, inhalation of vapour and mist. Neither eat nor drink during work.

**7.2. Conditions for safe storage, including any incompatibilities.**

Store in a dry, well ventilated place, away from sources of heat, naked flames, sparks and other ignition sources. Store in containers with ventilated closures. Keep away from food, drinks and animal feed. Incompatible materials: None in particular. Requirements for rooms: Suitably ventilated areas. Please see section 10 below

**7.3. Final specific uses.**

Information not available.

For transport, storage and handling, only use appropriate materials.

**SECTION 8: Control of exposure/personal protection**

**8.1. Control parameters**

Hydrogen peroxide: T.L.V.-T.W.A. (ACGIH 2004) 1ppm  
irritant/pulmonary oedema/central nervous system

Notes: recognised carcinogenic for animals, with known significance for humans.

**8.2. Control of exposure**

Appropriate technical measures should always have priority over personal protection equipment, therefore ensure good ventilation in the work place via effective local aspiration or generalised air filtration.

**Protection of the hands**

Protect the hands with category I work gloves (ref. Directive 89/686/EEC and standard EN 374) such as latex, PVC or equivalent. When deciding on the material for the work gloves, the following should be considered: degradation, breakage and permeation time. The resistance of the gloves should be verified before the use of compound products as it is not predictable. Gloves have a wear time that depends on the duration of exposure.

**Protection of the skin**

Don work clothes with long sleeves and safety footwear for professional use of category I (ref. Directive 89/686/EEC and standard EN 344). Wash with soap and water after having removed the protective clothing.

**Respiratory protection**

If the daily exposure threshold in the work environment or level set by the company prevention and protection service of one or more of the substances in the compound are exceeded, don a mask with type B filter or a universal class 1, 2 or 3 filter must be selected based on the operating limit concentration (ref. Standard EN 141). The use of equipment for protecting the respiratory system, such as paper masks for organic vapours and for dust/mist, is necessary in the absence of technical measures to limit the worker's exposure. The protection offered by masks is however limited. Where the relevant substance is odourless or its olfactory threshold is greater than the exposure limit and in case of emergency, or when the exposure levels are unknown or the concentration of oxygen in work environment is lower than 17% in volume, don an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or external source respirator used with full face mask, half mask or mouthpiece (ref. Standard EN 138).

**Protection of the eyes**

It is recommended to don hermetic protective eyewear (ref. Standard EN 166)

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**SECTION 9: Physical and chemical properties**

**9.1. Information on the essential physical and chemical properties**

Important data for safety

Appearance: Creamy emulsion fluid

Colour: Ivory white

Odour: Typical

PH at 20° C: 2.50 – 3.50

Water solubility: soluble

Hydrogen peroxide titre: 6.00 – 6.30%

Viscosity at 20° C: 4.000 – 10.000cPs (S6-RPM10)

Decomposition temperature: Information not available

Self-igniting: Information not available.

Ignition point: Data not available

Inflammability (solids, gases): Data not available

Lower explosion limit: Data not available

Upper explosion limit: Data not available

Explosive properties: Data not available

Vapour pressure (20° C): Data not available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity.**

The product may decay and/or have a violent reaction.

OXYGENATED WATER: decays rapidly with the risk of explosion through the effect of light, heat and contact with alkaline metals.

**10.2. Chemical stability.**

See the above paragraph.

**10.3. Potential for hazardous reactions.**

See section 10.1.

**10.4. Conditions to be avoided**

As the product also decays at room temperature, it must be stored and used at a controlled temperature.

Also avoid violent impacts.

OXYGENATED WATER: exposure to light, heat and alkaline substances.

**10.5. Incompatible materials.**

OXYGENATED WATER: inflammable substances, acetone, ethanol, glycerol, organic sulphates, hydrated bases, oxidisable materials, iron, copper, bronze, chromium, zinc, lead, silver, manganese and acetic acid.

**10.6. Products with hazardous decay.**

Information not available.

**SECTION 11: Toxicological information**

**11.1. Information on the toxicological effects**

Toxicological information regarding the mixture:

The data indicated refer to the hazardous raw materials contained within the product. The product contains ingredients that could be harmful to health. These components are irritant to the skin and the mucous membranes of the eyes and the respiratory system. They could stimulate asthma attacks in sensitive individuals, could cause a sensitivity reaction in the skin and respiratory hypersensitisation.

Effects due to chronic exposure: this mixture has not been tested for the effects of chronic exposure according to the OSHA Hazard Communication Standard.

Target organs: skin, respiratory system.

Routes of ingress: inhalation, ingestion and the skin.

The general medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of the substance; any pre-existent dermatitis could deteriorate through the present of a skin irritant, as also bronchitis could be aggravated by the dust in the air.

Harmful for ingestion. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Further information: the damage to health under normal use is unknown and unpredictable.

#### 11.2 Toxicological information regarding the raw material content

Hydrogen peroxide: LD50 rat, oral 1193 mg/kg  
rat, inhalation >0.17 mg/l/4h  
rabbit, skin >6500mg/kg

#### SECTION 12: Ecological information

Use according to good working practices, avoiding discarding the product in the environment. Inform the competent authorities if the product reaches watercourses or sewers or if it has contaminated the soil or vegetation.

##### 12.1. Toxicity

N.A.

##### 12.2. Persistence and degradability

N.A. The substance is biodegradable. Not persistent

##### 12.3. Bioaccumulation potential

N.A. Does not bioaccumulate.

##### 12.4. Soil mobility

N.A. No specific information is available on this product

##### 12.5. Results of PBT and vPvB evaluation

vPvB substances: Nil – PBT substances: None

##### 12.6. Other adverse effects

None. No specific information is available on this product.

#### SECTION 13: Considerations on disposal

##### 13.1. Methods of waste treatment

Do not dispose the product together with domestic waste. Do not dispose in the sewers. Send to authorised disposal plants, refer to Legislative decree 22/97 as amended.

##### Packaging contaminants

Packaging contaminants must be sent for recycling or disposal according to the national waste management regulations.

#### SECTION 14. Information on transport

##### 14.1 UN number

*Product not classified as hazardous for transport*

##### 14.2 UN number shipment name

N.A.

##### 14.3 Classes of hazard associated with transport

###### Road/rail transport (ADR/RID-GGVS/E)

*Product not classified as hazardous for transport*

###### Maritime transport (IMO/IMDG)

*Product not classified as hazardous for transport*

###### Air Transport (ICAO-TI/IATA-DGR)

*Product not classified as hazardous for transport*

**SECTION 15. Information on regulation**

**15.1 Standards and legislation on health, safety and environment specific to the substance or mixture**

National provisions

Italy: Legislative decree 81/2008 (Consolidating text on health and safety in work places) as amended, and Directive

2009/161/EU – chemical risk assessment pursuant to heading IX

Hazard classes for water

Class: 1 Classification in accordance with VwVwS

Legislative decree no. 52 of 3/2/1997 (Classification, packaging and labelling of hazardous substances)

Legislative decree no. 65 of 14/3/2003 (Classification, packaging and labelling of hazardous compounds)

Legislative decree no. 81 of 9/4/2008

Decree of the Ministry of Labour of 26/02/2004 (Limits of working exposure)

Ministry Decree of 03/04/2007 (Enactment of directive no. 2006/8/EC)

International regulations

Directive 67/548/EEC (Classification, packaging and labelling of hazardous substances) as amended.

Directive 1999/45/EC (Classification, packaging and labelling of hazardous substances) as amended.

Regulation no. 1907/2006/EC (REACH).

Regulation no. 1272/2008/EC (CLP).

Regulation no. 790/2009/EC (ATP 1 CLP amending, for adapting to technical and scientific progress, the ATP of

Regulation no. 1272/2008/EC).

Regulation (EU) no. 830/2015

Restrictions regarding the product or its content substances based on Annex XVII of Regulation

(EC) 1907/2006 (REACH) as amended

Where applicable, reference is made to the following regulations:

Ministerial circulars 46 and 61 (Aromatic amines).

Legislative decree no. 238 of 21 September 2005 (Seveso III Directive)

EC Regulation no. 648/2004 (Detergents).

Decree law no. 152 of 3/4/2006 Environmental regulations

**SECTION 16. Other information**

**Additional indications**

Text of the Hazard recommendations (H) referred to in sections 2-3 of the schedule:

**Acute Tox. 4** Acute toxicity, category 4

**Eye Dam. 1** Damaging to the eyes, category 1

**Skin Corr. 1B** Skin corrosion, category 1B

**Skin Irrit. 2** Skin irritation, category 2

**STOT SE 3** Specific toxicity by target organ – single exposure, category 3

**Aquatic Acute 1** Hazardous for aquatic environment, category 1

**Met. Corr. 1** Corrosive substance for metals, category 1

**H302** Harmful if ingested.

**H314** Causes serious skin burns and serious eye damage.

**H315** Causes skin irritation.

**H318** Causes severe eye lesions.

**H335** Can irritate the airways.

**H400** Highly toxic for aquatic organisms.

**GENERAL BIBLIOGRAPHY:**

1. Directive 1999/45/EC as amended
2. Directive 67/548/EEC as amended
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
6. Regulation (EC) 830/2015
7. The Merck Index. Ed. 10
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989

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This document has been drafted by a technician with competence on SDS, who has been given adequate training. The user's working conditions are unknown and not under our control. The user is responsible for observing all the necessary legal provisions.

Primary bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition – Van Nostrand Reinold

CCNL - Annex 1

Upper Health Institute – National Inventory of Chemical Substances

The information contained herein is based on our knowledge as at the above reported date. The information relates to the indicated product and does not form a guarantee of particular qualities. The user is required to verify the suitability and completeness of the information in relation to the specific use.

This schedule cancels and replaces any previous edition.

KEY:

ADR: Accord européen relative au transport international des marchandises dangereuses par route (European accord on international transport of hazardous goods by road)

ASTM: ASTM International, originally known as the American Society for Testing and Materials (ASTM)

EINECS: European Inventory of Existing Commercial Chemical Substances

EC(0/50/100): Effective Concentration 0/50/100 (Effective maximum concentration per 0/50/100% of individuals)

LC(0/50/100): Lethal Concentration 0/50/100

IC50: Inhibitor Concentration 50

NOEL: No Observed Effect Level

NOEC: No Observed Effect Concentration

LOEC: Lowest Observed Effect Concentration (Maximum concentration at which it is possible to observe an effect)

DNEL: Derived No Effect Level

DMEL: Derived Minimum Effect Level

CLP: Classification, Labelling and Packaging

CSR: Chemical Safety Report

LD(0/50/100): Lethal Dose 0/50/100 (Lethal dose per 0/50/100% of individuals)

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG code: International Maritime Dangerous Goods code

PBT: Persistent, bioaccumulative and toxic

RID: Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulation on international transport of dangerous goods by rail)

STEL: Short term exposure limit

TLV: Threshold limit value

TWA: Time Weighted Average

UE: European Union

vPvB: Very persistent very bioaccumulative

N.A. Not available

N.A. Not applicable

VwVwS.: Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVwS)

PNEC: Predicted No Effect Concentration

PNOS: Particulates not Otherwise Specified

BOD: Biochemical Oxygen Demand

COD: Chemical Oxygen Demand

BCF: BioConcentration Factor

TRGS : Technische Regeln für Gefahrstoffe -Technical Rules for Hazardous Substances, defined by The Federal Institute for Occupational Safety and Health, Germany

LCLo: Lethal Concentration Low (minimum lethal concentration)

ThOD: Theoretical Oxygen Demand

The data are provided based on our current knowledge, they do not however represent any guarantee of the product's specifications and do not form any legal contractual relationship:

**Note for the user:**

The information contained in this schedule is based on the knowledge available to us as at the date of the latest version. The user must verify the suitability and completeness of the information in relation to the specific use of the product.

This document must not be interpreted as a guarantee of any specific product property.

As the product is not used under our direct control, the user is obliged to observe, under his/her own responsibility, the laws and provisions on health and safety in force. We will not accept any liability for improper use.

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DATA SHEET REALIZED BY: Famasar srl This data sheet substitutes all previous versions