

Safety data sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name WILDCOLOR Bleaching powder

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

Intended use Hair bleaching treatment - PROFESSIONAL USE

1.3. Details of the supplier of the safety data sheet

Name WILD WORLD HAIR srl
Full address Viale Cirene, 7
District and Country 20135 Milano (MI)
Italia

e-mail address of the competent person responsible for the Safety Data Sheet info@wildworldhair.com

1.4. Emergency telephone number

For urgent inquiries refer to Centro Antiveleni di Pavia 0382 24444 - (CAV IRCCS Fondazione Maugeri),
Centro Antiveleni di Milano 02 66101029 - (CAV Ospedale Niguarda Ca' Granda),
http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/index.html;

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication:

Ox. Sol. 3	H272
Acute Tox. 4	H302
Acute Tox. 4	H332
Eye Dam. 1	H318
Skin Irrit. 2	H315
STOT SE 3	H335
Resp. Sens. 1	H334
Skin Sens. 1	H317

2.1.2. 67/548/EEC and 1999/45/EC Directives and following amendments and adjustments.

Danger Symbols: O-Xn

R phrases: 8-20/22-37/38-41-42/43

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.



SECTION 2. Hazards identification. ... / >>

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Danger

Hazard statements:

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.

Precautionary statements:

P210	Keep away from heat / sparks / open flames / hot surfaces. No smoking.
P220	Keep / Store away from clothing / ... / combustible materials.
P264	Wash with water thoroughly after handling.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Contains: Diammonium peroxodisulphate
Dipotassium peroxodisulphate
Disodium peroxodisulphate

2.3. Other hazards.

Product may reacts exothermically with water or moisture, giving spontaneous combustion.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification 67/548/EEC.	Classification 1272/2008 (CLP).
Magnesium carbonate			
CAS. 546-93-0	25 - 50		
EC. 208-915-9			
INDEX. -			
Diammonium peroxodisulphate			
CAS. 7727-54-0	10 - 25	O R 8, Xn R22, Xn R42/43, Xi R36/37/38	Ox. Sol. 3 H272, Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334, Skin Sens. 1 H317
EC. 231-786-5			
INDEX. 016-060-00-6			
Silicic acid, sodium salt			
CAS. 1344-09-8	10 - 25	Xi R37/38, Xi R41	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335
EC. 215-687-4			
INDEX. -			




SECTION 3. Composition/information on ingredients. ... / >>
Disodium peroxodisulphate

CAS. 7775-27-1 5 - 10

EC. 231-892-1

INDEX. -

O R 8, Xn R22, Xn R42/43, Xi R36/37/38

Ox. Sol. 3 H272, Acute Tox. 4 H302, Eye Irrit. 2 H319,
Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334,
Skin Sens. 1 H317
Dipotassium peroxodisulphate

CAS. 7727-21-1 1 - 5

EC. 231-781-8

INDEX. 016-061-00-1

O R 8, Xn R22, Xn R42/43, Xi R36/37/38

Ox. Sol. 3 H272, Acute Tox. 4 H302, Eye Irrit. 2 H319,
Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334,
Skin Sens. 1 H317
Silica, vitreous

CAS. 60676-86-0 1 - 5

EC. 262-373-8

INDEX. -

Disodium metasilicate

CAS. 6834-92-0 1 - 5

EC. 229-912-9

INDEX. 014-010-00-8

C R34, Xi R37

Skin Corr. 1B H314, STOT SE 3 H335

Sodium stearate

CAS. 822-16-2 1 - 5

EC. 212-490-5

INDEX. -

Diammonium hydrogenorthophosphate

CAS. 7783-28-0 1 - 5

EC. 231-987-8

INDEX. -

Tetrasodium ethylenediaminetetraacetate

CAS. 64-02-8 0 - 1

EC. 200-573-9

INDEX. 607-428-00-2

Xn R20/22, Xi R41

Acute Tox. 4 H302, Acute Tox. 4 H332, Eye Dam. 1 H318,
Skin Irrit. 2 H315
Paraffin oil

CAS. 8012-95-1 0 - 1

EC. 232-384-2

INDEX. -

Sodium dodecyl sulphate

CAS. 151-21-3 0 - 1

EC. 205-788-1

INDEX. -

F R11, Xn R20/22, Xi R37/38, Xi R41

Flam. Sol. 2 H228, Acute Tox. 4 H302, Acute Tox. 4 H332,
Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335
Lazurite

CAS. 1302-83-6 0 - 1

EC. 235-811-0

INDEX. -

Xanthan gum

CAS. 11138-66-2 0 - 1

EC. 234-394-2

INDEX. -

Guar gum

CAS. 9000-30-0 0 - 1

EC. 232-536-8

INDEX. -

Note: Upper limit is not included into the range.

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

 T+ = Very Toxic(T+), T = Toxic(T), Xn = Harmful(Xn), C = Corrosive(C), Xi = Irritant(Xi), O = Oxidizing(O), E = Explosive(E), F+ = Extremely Flammable(F+), F = Highly Flammable(F),
 N = Dangerous for the Environment(N)

SECTION 4. First aid measures.
4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.



SECTION 4. First aid measures. ... / >>

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 special treatment needed.

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

If there are no contraindications, spray powder with water to prevent the formation of dust. Avoid breathing vapours/mists/gases.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Use spark-proof mechanical equipment to collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed.

Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

Provide adequate ventilation in the workplace, which must be equipped with vacuum/dust captation systems. Storage must take place in closed places, away from heat sources ($T < 30^{\circ}\text{C}$), sunlight and moisture.

Avoid contact with moist organic materials, such as paper towels, wood, clothing.

Do not contaminate with reducing agents such as lotions, perms and straightening lotions, do not store after adding substances such as developers and bleaching lotions.



SECTION 7. Handling and storage. ... / >>

Do not discharge leavings into garbage, the product may give spontaneous combustion.

7.3. Specific end use(s).

Professional use.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

United Kingdom

Éire

OEL EU

TLV-ACGIH

EH40/2005 Workplace exposure limits. Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations (as amended). Code of Practice Chemical Agent Regulations 2011.

Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.

ACGIH 2012

Diammonium peroxodisulphate

Threshold Limit Value.

Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm
TLV-ACGIH		0,1			

Disodium peroxodisulphate

Threshold Limit Value.

Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm
TLV-ACGIH		0,1			

Sodium stearate

Threshold Limit Value.

Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm
TLV-ACGIH		10			

Disodium metasilicate

Threshold Limit Value.

Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm
TLV-ACGIH		10			

Dipotassium peroxodisulphate

Threshold Limit Value.

Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm
TLV-ACGIH		0,1			





SECTION 8. Exposure controls/personal protection. ... / >>

Tetrasodium ethylenediaminetetraacetate

Predicted no-effect concentration - PNEC.

Normal value for the food chain (secondary poisoning)	0,2	mg/kg
Normal value for the terrestrial compartment	0,182	mg/kg
Normal value in fresh water	2,2	mg/l
Normal value for water, intermittent release	1,2	mg/l
Normal value in marine water	0,22	mg/l
Normal value for fresh water sediment	0,72	mg/kg
Normal value for marine water sediment	0,364	mg/kg
Normal value of STP microorganisms	43	mg/l

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers.				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.			25 mg/kg	VND				
Inhalation.	1,5 mg/m3	VND	1,5 mg/m3	VND	2,5 mg/m3	VND	2,5 mg/m3	VND

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.
VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374).

Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear a hood visor or protective visor combined with airtight goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

RESPIRATORY PROTECTION

If the threshold value is exceeded, wear a mask to protect nose and mouth (see standard EN 149).

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	powder
Colour	blue
Odour	characteristic
Odour threshold.	Not available.
pH.	9,4 - 10,4 (1% Sol.)
Melting point / freezing point.	Not available.
Initial boiling point.	Not applicable.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Persulfate combusive properties
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.





SECTION 9. Physical and chemical properties. ... / >>

Relative density.	1,000 g/cm ³
Solubility	partially soluble in water
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	> 150 °C.
Decomposition temperature.	> 65°C
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Information not available.

SECTION 10. Stability and reactivity.

Product reacts with Hydrogen peroxide with oxygen production. It reacts also with reducing agents, acids and alkalis.

10.1. Reactivity.

The product can decompose and/or react violently.

Product is stable if used according to specifications up to about 65 °C. Above this temperature, product gives oxygen and ammonia in small quantities. Over 150 °C, decomposition becomes self-accelerating, and the product gives large quantities of oxygen, which may generate a fire.

10.2. Chemical stability.

See previous paragraph.

10.3. Possibility of hazardous reactions.

See paragraph 10.1.

10.4. Conditions to avoid.

As the product decomposes even at ambient temperature, it must be stored and used at a controlled temperature. Avoid violent blows.

Moisture is a very important factor: high moisture rate can significantly reduce decomposition temperature.

10.5. Incompatible materials.

Reducing agents (lotions), acids, alkalis, metals, combustible and combustibile agents.

10.6. Hazardous decomposition products.

Carbon oxides (CO, CO₂), Nitrogen oxides (NO_x), Sulphur oxides (SO_x), Ammonia, Ozone.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute effects: ingestion of this product is harmful. Even small amounts of product may cause serious health problems (stomach pain, nausea, sickness, diarrhoea).

Acute effects: inhalation of this product is harmful.

Exposure symptoms may include: stinging and irritated eyes, mouth, nose, throat; cough, respiratory disorders, dizziness, headache, nausea and sickness. In the most serious cases, inhalation of this product may cause larynx and bronchial tube edema and irritation, chemical pneumonia and pulmonary edema.

This product may cause serious ocular lesions, cornea opacity, iris lesions, irreversible eye coloration.

Acute effects: contact with skin may cause: irritation, erythema, edema, dryness and chapped skin. Vapour inhalation may slightly irritate the upper respiratory tract. Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

Acute effects: vapour inhalation may irritate the lower and upper respiratory tract and cause cough and respiratory disorders. At higher concentrations it can also cause pulmonary edema. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Inhalation of this product causes sensitization, which may then give rise to a series of inflammatory episodes, most of all characterized by obstruction and affecting the respiratory system. Sometimes, sensitization phenomena arise together with evident rhinitis and asthma.

Damages to the respiratory system depend on the inhaled quantity, on the product concentration in the working environment and on the exposure time.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythemas, edemas, papules, vesicles, pustules, scurries, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas.

Erythemas, edemas and exudative phenomena prevail during the acute phase. Scurry skin, dryness, ulcerations and skin thickening prevail during the chronic phase.



SECTION 11. Toxicological information. ... / >>

Diammonium peroxodisulphate	
LD50 (Oral).	820 mg/kg Rat
LD50 (Dermal).	> 2000 mg/kg Rat
LC50 (Inhalation).	> 2,95 mg/l (4h) Rat
Tetrasodium ethylenediaminetetraacetate	
LD50 (Oral).	> 1780 mg/kg Rat
LC50 (Inhalation).	> 1000 mg/m3 Rat (6h)
Paraffin oil	
LD50 (Oral).	24000 mg/kg Rat
Dipotassium peroxodisulphate	
LD50 (Oral).	825 mg/kg Rat
LD50 (Dermal).	> 10000 mg/kg Rabbit
LC50 (Inhalation).	> 42,9 mg/l (1h) Rat
Sodium dodecyl sulphate	
LD50 (Oral).	1290 mg/Kg Rat
Disodium metasilicate	
LD50 (Oral).	600 mg/kg Rat
Disodium peroxodisulphate	
LD50 (Oral).	895 mg/kg Rat
LD50 (Dermal).	> 10000 mg/kg Rabbit
LC50 (Inhalation).	5,1 mg/l Rat (4h)
Silicic acid, sodium salt	
LD50 (Oral).	> 2000 mg/kg Rat
Diammonium hydrogenorthophosphate	
LD50 (Oral).	6500 mg/kg Rat
LD50 (Dermal).	> 7950 mg/kg Rabbit

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Diammonium peroxodisulphate	
LC50 - for Fish.	76,3 mg/l/96h Fish
EC50 - for Crustacea.	120 mg/l/48h Daphnia
EC50 - for Algae / Aquatic Plants.	83,7 mg/l/72h Bacteria
Tetrasodium ethylenediaminetetraacetate	
LC50 - for Fish.	> 100 mg/l/96h Lepomis macrochirus
EC50 - for Crustacea.	> 100 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants.	> 100 mg/l/72h Scenedesmus obliquus
Chronic NOEC for Fish.	36,9 mg/l Fish (35d)
Chronic NOEC for Crustacea.	25 mg/l Daphnia magna
Paraffin oil	
LC50 - for Fish.	100 mg/l/96h Oncorhynchus mykiss
Dipotassium peroxodisulphate	
LC50 - for Fish.	76,3 mg/l/96h Fish
EC50 - for Crustacea.	120 mg/l/48h Daphnia
EC50 - for Algae / Aquatic Plants.	83,7 mg/l/72h Bacteria
Sodium dodecyl sulphate	
LC50 - for Fish.	7,97 mg/l/96h Fish
EC50 - for Crustacea.	9,8 mg/l/48h Crustaceans
EC50 - for Algae / Aquatic Plants.	15 mg/l/72h Algae



SECTION 12. Ecological information. ... / >>

Silicic acid, sodium salt
LC50 - for Fish.

3185 mg/l/96h Brachydanio rerio

Xanthan gum
LC50 - for Fish.

> 320 mg/l/96h Oncorhynchus mykiss

Product Eco-toxicity is basically due to its persulphates content.

12.2. Persistence and degradability.

Tetrasodium ethylenediaminetetraacetate
BOD: 20 mg(O₂)/g / 20g
ThOD: 515 mg(O₂)/g.

Biodegradable.

12.3. Bioaccumulative potential.

Not expected to bioaccumulate.

12.4. Mobility in soil.

Persulphates are water soluble. When released in the environment, they may be taken away from the release source from groundwater.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Avoid littering. Do not contaminate soil, sewers and waterways.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING


Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations.

These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:

ADR/RID Class:	5.1	UN:	1479	
Packing Group:	III			
Label:	5.1			
Nr. Kemler:	50			
Limited Quantity:	5 kg			
Tunnel restriction code:	(E)			
Proper Shipping Name:	OXIDIZING SOLID, N.O.S. (Sodium persulfate, Ammonium persulfate) MIXTURE			

Carriage by sea (shipping):

IMO Class:	5.1	UN:	1479	
Packing Group:	III			
Label:	5.1			
EMS:	F-A, S-Q			
Marine Pollutant:	NO			



**SECTION 14. Transport information.** ... / >>

Proper Shipping Name: OXIDIZING SOLID, N.O.S. (Sodium persulfate, Ammonium persulfate) MIXTURE

Transport by air:

IATA: 5.1 UN: 1479

Packing Group: III

Label: 5.1

Cargo:

Packaging instructions: 563 Maximum quantity: 100 Kg

Pass.:

Packaging instructions: 559 Maximum quantity: 25 Kg

Special Instructions: A3

Proper Shipping Name: OXIDIZING SOLID, N.O.S. (Sodium persulfate, Ammonium persulfate) MIXTURE

**SECTION 15. Regulatory information.****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category: 3

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

Contained substance:

Point: Decision 2013/505/UE -

Point: Decision 2013/505/UE -

Substances in Candidate List (Art. 59 REACH):

None.

Substances subject to authorisation (Annex XIV REACH):

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls:

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

German regulation on the classification of substances hazardous to water (VwVwS 2005):

WGK 1: Low hazard to waters

Conditions of use and warnings which must be printed on the label of a cosmetic product (Legge 713/86 and subsequent amendments, Annex III Part I):

INGREDIENTS: see paragraph 3.1

INDICATIONS: PROFESSIONAL USE

PRECAUTIONS: Do not apply on the scalp if injured, irritated or affected by pathologies. Avoid contact with eyes. Rinse eyes immediately if in contact with the product. Do not use for eyelashes and eyebrows bleaching. Use only for intended applications, in accordance with the written instructions on the leaflet accompanying the cosmetic product. Rinse thoroughly after applying the mixture.

Use gloves. Keep out of reach of children. For professional use only.

PAO: 12 M

Working limitation indications:

Young people working limitation (DIR 94/33/EC).

Pregnant/nursing women working limitation (DIR 92/33/CEE).

Relevant national provisions (Italy):

D.M. September 7, 2002: transposition of Directive 2001/58/EC concerning the arrangements for information on dangerous substances and preparations placed on the market.

Legislative Decree No. 65 of March 14, 2003: Implementation of Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 and Directive 2001/60/EC of 7 August 2001 concerning the classification, packaging and labeling of dangerous preparations.

Decree n.81/2008 - Consolidated Safety.



SECTION 15. Regulatory information. ... / >>

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Training advice:

Provided informations are compiled to the best of our knowledge. Their use, however, is informational and does not constitute a warranty.

Use of this product is under users control, therefore is their responsibility to comply with the correct use conditions indicated in the schedule, as well as comply with industrial hygiene practices.

Uses and restrictions recommendation:

Do not use the product for uses different from those intended. In this case, user may be subject to risks not expected.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Sol. 2	Flammable solid, category 2
Ox. Sol. 3	Oxidising solid, category 3
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Resp. Sens. 1	Respiratory sensitization, category 1
Skin Sens. 1	Skin sensitization, category 1
H228	Flammable solid.
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.

Text of risk (R) phrases mentioned in section 2-3 of the sheet:

R 8	CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.
R11	HIGHLY FLAMMABLE.
R20/22	HARMFUL BY INHALATION AND IF SWALLOWED.
R22	HARMFUL IF SWALLOWED.
R34	CAUSES BURNS.
R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
R37	IRRITATING TO RESPIRATORY SYSTEM.
R37/38	IRRITATING TO RESPIRATORY SYSTEM AND SKIN.
R41	RISK OF SERIOUS DAMAGE TO EYES.
R42/43	MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%



SECTION 16. Other information. ... / >>

- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament and following amendments and adjustments
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
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9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website
15. CosIng (European Commission database on cosmetic substances and ingredients) website
16. ESIS (European chemical Substances Information System) website, European Joint Research Centre
17. IFA-GESTIS Substance Database website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

