



SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

Deepshine Brite White Powder Lightener

1.2 Relevant identified uses of the substance

Type of product and use: hair bleaching powder.

1.3 Details of the supplier of the Safety Data Sheet

Company identification
COSMETIC WORLD SRL
Via Arturo Maestri 16-18 – 25011
Calcinato – BS Tel. 0309636408
info@cosmeticworldsrl.com

1.4 Emergency telephone number

CENTRO ANTIVELENI NIGUARDA – MILANO tel. +39 02 66101029

2. HAZARD IDENTIFICATIONS

2.1 Classification of the substance

Hazard pictograms:

GHS03



GHS07



GHS08



2.2 Specific risks for man and environment Hazards to health

H272 - May intensify fire; oxidizer

H302 – Harmful if swallowed

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 – May cause respiratory irritation.

Warnings and precautions - prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking

P220 - Keep/Store away from clothing/.../combustible materials

P221 - Take any precaution to avoid mixing with combustibles/...

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 – Wash the hands thoroughly after handling.

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

P271 – Use only outdoors or in a well-ventilated area.

P273 – Avoid release to the environment.

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

Warnings and precautions - reaction

P301+P312 – If swallowed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician

P302+P352: – If on skin: Wash with plenty of soap and water. **P332+P313:** If skin irritation occurs, get medical advice/attention **P362:** Take off contaminated clothing and wash before reuse

P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P304+P341: If inhaled: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P370+P378: In case of fire: use extinguishing means for extinction

P403+P233: Store in a well-ventilated place, keep container tightly closed Warnings and precautions – storage and disposal

P501: Dispose the contents in accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Generic Composition

The powder is composed of: wax, oils, mineral persulfates, silicates, metasilicates, soaps and cellulose. 3.2 Composition of dangerous compounds

The compound is classified as dangerous, according to section 2.2.

3.2 a Information on dangerous ingredients/substances contained in the compound

INCI	N° CAS	N°EINECS	Conc. %	Simboli	Fraasi H
Potassium Persulfate	7727-21-1	231-781-8	25÷50	GHS07, GHS09	H272, H302, H315, H317, H319, H334, H335
Sodium Persulfate	7775-27-1	231-892-1	1÷5	GHS07, GHS09	H272, H302, H315, H317, H319, H334, H335
Sodium Silicate	1344-09-8	215-687-4	25÷50	GHS07	H315, H319, H335

3.3 List of dangerous substances for compounds that are not classified as dangerous in compliance with EU Directive 1999/45/EC: N.A.

3.4 Classification according to articles 4 and 6 of Directive 67/548/EC: N.A.

4. FIRST AID MEASURES

4.1 Inhalation: In the event of inhalation, remove immediately the person exposed to fresh air. In case of asthma, get medical attention.

4.2 Skin contact: rinse immediately with water and soap.

4.3 Eye contact: flush immediately with plenty of water. Remove contact lenses if used. If irritation persists, contact an ophtalmologist immediately.

4.4 Ingestion: rinse the mouth and drink plenty of water. Get medical attention if ill effects develop.



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5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media:

Water, water spray, foam. Use plenty of water or water spray until the fire is completely extinguished.

5.2 Extinguishing media which must not be used for safety reasons:

None. Some extinguishing media (chemical powders, sand, soil, etc.) may be less effective because the product contains combustive agents that may support combustion.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases:

In the event of fire, the product may develop toxic sulphur dioxide (SO₂) and sulphur trioxide (SO₃) gases.

5.4 Advice for fire-fighters

Wear autonomous breathing apparatuses and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Wear protective clothing.

6.2 Environmental precautions:

Prevent penetration of the product into the soil.

6.3 Methods for cleaning up:

Use good cleaning practices in the workplace. Prevent any contact with the skin, eyes and clothes. In case of contact, rinse with water. Sweep up and collect with mechanical devices and dispose according to local and national regulations.

7. HANDLING AND STORAGE

7.1 Handling:

Avoid any friction with the product and any local overheating of the product. Provide proper extraction/ventilation on the workplace.

Prevent electro-static charges buildup.

7.2 Storage:

Store in a cool (below 30°C) and dry place. Prevent any contamination and do not stock with any reducing agents such as styling lotions or permanents. Do not stock the product after mixing it with developers or bleaching lotions. Containers may break. Prevent any contact with humid organic materials such as paper towels, wood, clothes, etc.

Protect from heat and sunlight; store under protection of rain and humidity; do not store in the open air.

7.3 Specific end uses

Professional use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters / Occupational exposure limits

Potassium Persulfate: N.D.



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Sodium Persulfate: N.D.

Sodium Silicate: N.D.

8.2 Personal protection measures

8.2.1 Occupational exposure controls

- a) Respiratory protection: not necessary in normal conditions. Avoid inhalation.
- b) Hand protection: wear protective gloves
- c) Eye protection: wear protective goggles. Avoid any contact.
- d) Skin protection: use overalls or normal protective clothing

8.2.2 Environmental exposure controls

Not requested. See section 6.2.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information

Appearance	powder
Colour	white
Odour	characteristic

9.2 Important health, safety and environmental

<u>information</u> pH (40g/l, 20°C)	10 ÷ 11
Melting point	n.d.
Boiling point	n.d.
Flash point	n.d.
Flammability	n.d.
Explosive properties	n.d.
Comburent properties	not comburent
Vapour pressure	n.d.
Density	1.0g/cm ³ (20°C)
Compression density	60g/l
Solubility	partially soluble in organic solvents
Solubility in water	partially soluble
Partition coefficient (n-octanol/water)	n.d.
Viscosity	n.d.
Vapour density	n.d.

9.3 Other information

Decomposition temperature	> 65°C
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10. STABILITY AND REACTIVITY

The product does not decompose if it is used in compliance with regulations. **The product is stable in safety conditions, up to 65°C**; above this temperature it gradually decomposes and releases small quantities of oxygen.

At about 150°C, the product undergoes faster and self-accelerating decomposition and

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releases oxygen, which may cause serious accidents (fire).

Humidity is a very important factor, because uncontrolled and instable product humidity may considerably reduce decomposition temperature.

10.1 Conditions to avoid: heat, humidity, reducing agents such as permanent lotions. Avoid any impacts. Avoid any friction. Avoid any electrostatic charges.

10.2 Materials to avoid: acids, alkali, metals, combustive and flammable substances. Do not use metal bowls/capsules or stirrers.

10.3 Hazardous decomposition products: corrosive gases/vapours; toxic gases/vapours of sulphur oxides (SO_x) and ozone.

11. TOXICOLOGICAL INFORMATION

11.1 Dangerous-to-health effects from exposure to the preparation

The product contains ingredients that may be dangerous to health. These ingredients are irritating to the skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may cause skin sensitization and respiratory hypersensitivity. Effects of chronic exposure: the effects of chronic exposure to this mix have not been tested according to “OSHA Hazard Communication Standard”

Target organs: skin, respiratory system

Route of exposure: inhalation, ingestion and skin.

General medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of the substance; pre-existing dermatitis are likely to get worse due to the presence of an irritating substance.

11.2 Toxicological information in components

The list below specifies the toxicity of the main ingredients:

Potassium Persulfate

Acute toxicity LD50 (oral, rat) = 700 mg/kg
 LD50 (dermal, rat) >
 2000mg/l LD50 (inhalation,
 rat) > 2.95 mg/l

Sodium Persulfate

Acute toxicity LD50 (oral, rat) = 700 mg/kg
 LD50 (dermal, rat) >
 2000mg/l LD50
 (inhalation, rat) > 2.95
 mg/l

Sodium Silicate

Acute toxicity N.D. Further information:

If the product is used properly, no other hazards to the health are known or expected.

12. ECOLOGICAL INFORMATION

General information:

Always apply good work practices and avoid release to the environment.



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12.1 Ecotoxicological information

Potassium Persulfate

Toxicity to water organisms: Bacteria EC10 (18h) = 36mg/l
Shellfish EC50 (48h) =
120mg/l Fish LC50
(96h) = 76.3 mg/l

Sodium Persulfate

Toxicity to water organisms: Bacteria EC10 (18h) = 36mg/l
Shellfish EC50 (48h) =
120mg/l Fish LC50
(96h) = 76.3 mg/l

Sodium Silicate

Toxicity to water organisms: N.D.

13. DISPOSAL CONSIDERATIONS

Waste Treatment

methods: Product

Do not dispose of the product with household garbage. Do not allow into drains. Dispose of wastes and containers in accordance with all applicable local and state regulations.

Dirty packages and containers

Send rinsed packages and containers for local recycling. Other countries: dispose in compliance with state regulations. Waste code:
N.A.

14. TRANSPORT INFORMATION

UN No: 1479

Road/railway transport (ADR/RID-GGVS/E)

- Class	5.1	substances that can contribute to combustion (oxidising)
- Packaging group	III	
- Proper shipping name		Oxidizing solid, N.O.S. (Potassium Persulphate, Sodium Persulphate, etc.)

Marine transport (IMO/IMDG)

- IMDG Class	5.1	
- Packaging group	III	
- EmS number	F-A, S-Q	
- Proper shipping name:		Oxidizing solid, N.O.S. (Potassium Persulphate, Sodium Persulphate, etc.). No marine pollutant.

Air transport (ICAO/IATA)

- Class	5.1	
- Packaging group	III	
- Proper shipping name:		Oxidizing solid, N.O.S. (Potassium Persulphate, Sodium Persulphate, etc.)

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15. REGULATORY INFORMATION

Classification and labels according to CLP regulations (EC) no. 1272/2008:

GHS03 : oxidising product

GHS07 : harmful/irritating
product

GHS08 : toxic product with long-term health effects

16. OTHER INFORMATION

The data contained in this Safety Data Sheet are based on the latest knowledge available. They refer solely to the described product and are not intended to guarantee any particular feature. The user should ensure that this information is suitable and complete for the intended use.

This Safety Data Sheet cancels and replaces any previous version.

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