



International
Cosmetics
Distribution SpA

SAFETY DATA SHEET

1 – GENERAL INFORMATION

Trade name: **BLEACHING POWDER**

Cosmetic category: powders made out of mixes of persulfates and alkaline salts with excipients.

Company: **FARMEN I.C.D. S.p.A. Via Leimì 150, 10036 Settimo T.se (TO) ITALY**

Emergency number: **+39 011.802.34.11**

Issue date: OCTOBER 2013

Revision number: 1.0

2 – COMPOSITION

INCI list of ingredients: the complete list of ingredients is written on the package of the individual products as required by the Regulation (EC) No 1223/2009.

AMMONIUM PERSULFATE

CAS 7727-54-0

EINECS 231-786-5

Classification Xn, O

R8, R22, R36/37/38, R42/43

POTASSIUM PERSULFATE

CAS 7727-21-1

EINECS 231-781-8

Classification Xn, O

R8, R22, R36/37/38, R42/43

SODIUM METASILICATE

CAS 6834-92-0

EINECS 229-912-9

Classification Xi, C

R34/37

SODIUM SILICATE

CAS 1344-09-8

EINECS 215-687-4

Classification Xi

R41, R37/38

3 – HAZARD IDENTIFICATION

THIS PRODUCT IS HAZARDOUS SUBSTANCE AND DANGEROUS GOODS.

Application mode and warnings to be stated by Dir.: WRITTEN ON THE PRODUCTS

Harmful if swallowed. Causes burns. Irritating to respiratory system. May cause sensitization by inhalation and skin contact.

The product has oxidizing properties and can cause ignition when in contact with combustible substances.

4 – FIRST-AID MEASURES

Eye-contact: irritating when in contact with the eyes; take off the contact lenses, if any, rinse accurately and abundantly with water; in case of persistent irritation, consult a physician.

Skin contact: rinse accurately and abundantly with water; in case of persistent irritation, consult a physician.

Ingestion: in case of ingestion of considerable amounts of product, consult the closest Anti-poison Center.

Inhalation: in case of large inhalation it can be irritating for the first respiratory tracts; take the individual out in the open air in case the environment is not sufficiently ventilated or is particularly saturated with steam. In case of persistent symptoms of irritation in the first respiratory tracts, consult a physician.

If poisoning occurs contact a Doctor or Poisons Information Center.

5 – FIRE FIGHTING MEASURES

Contains persulfates:

In case of fire, use chemical powder, carbon dioxide, nebulized water.

6 – ACCIDENTAL RELEASE MEASURES

In case of spilling, mix the leaked product with sand.

Gather the leaked product with rags, put it in containers that are fit for the type of disposal required by rules and regulations. After having gathered the product, wash the area with water.

Never put the leaked product back into the original containers. Never use the product after it has leaked out.

Wear gloves, protective clothing, goggles, boots and masks for the protection of the respiratory system.

Avoid all flames and possible sources of ignition.

Send away all unprotected and non-authorized people from the danger area.

7 – HANDLING AND STORAGE

STORAGE INCOMPATIBILITY: do not store together with reducing agents and aerosols.

In case the employer identifies risks that are not avoidable through other means, he must make appropriate Individual Protection Devices (IPD) available to the workers. The use of IPD supplied by the employer is compulsory.

In the specific case:

- Use work tools that have been accurately cleansed;
- Avoid nickel-plated tools;
- Avoid using costume jewelry;
- Wear a dust mask and appropriate goggles and gloves.
- Keep out of reach of children

Optimal storing conditions:

- Keep in dry and well-ventilated areas, at a temperature not lower than 5° C and not higher than 30° C, away from fire, sources of heat, or electric devices in function.
- Keep the containers in a vertical and secure position, avoiding the possibility of falls and/or collisions.

8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Wear a dust mask and appropriate goggles and gloves.

Against corrosive properties of the product and according to the type of working, suitable protection equipment should be worn. Such as: an helmet to protect the face, the head and the neck, waterproof gloves and overall, resistant to the product.

Do not eat, drink or smoke while handling it; wash carefully the hands with soap and water before meals and after work shift; a shower is recommended.

9 – PHYSICAL AND CHEMICAL PARAMETERS

Appearance: powder

Odour: characteristic

Bulk density: 0.70 -0.90 g/ml

Solubility in water: partially soluble

Melting point: not applicable

Boiling point: not applicable

Decomposition temperature: > 60°C

pH (aqueous dispersion 1g/100ml): 9.0 – 11.6

% equivalent active oxygen: 3.0 – 4,0

10 – STABILITY AND REACTIVITY

Stable product under normal conditions of use.

Above a certain temperature, called SADT (Self Acceleration Decomposition Temperature), the product may generate explosive peroxides, thus releasing substances which might be harmful to health. The product can decompose and/or violently react.

Sodium methasilicate: the aqueous solutions behave as strong bases; with 1% of the substance the pH is >12. They can attack Al, Zn, Sn and their alloys and react violently with acids. The substance is not combustible.

Sodium persulfate: above 180 °C, melting point, it decomposes emitting sulfur toxic fumes and oxygen which enhances the risk of causing a fire. It reacts violently with combustible materials and reducing agents with the risk of causing a fire and explosions. When in contact with water, it reduces to bisulfate with development of oxygen.

11 – TOXICOLOGICAL INFORMATION

The product cannot be considered toxic under the normal and predictable conditions of use.

AMMONIUM PERSULFATE

DL50 RAT INGESTION > 495 mg/kg

POTASSIUM PERSULFATE

DL50 RAT INGESTION > 825 mg/kg

SODIUM METASILICATE

DL50 RAT INGESTION > 1280 mg/kg

SODIUM SILICATE

DL50 RAT INGESTION > 2000 mg/kg

12 – ECOLOGICAL INFORMATION

The work environment must be adequately ventilated, eventually through mechanical change of air. The areas in which emissions of vapors, gasses, dust, or the spilling of substances may occur must be separated and fitted with localized extractor units or collection systems.

13 – DISPOSAL CONSIDERATIONS

The disposal of cosmetic products shall be in accordance with local regulations.

14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: PERULFATES, INORGANIC

LABELS REQUIRED: OXIDISING AGENT



Road carriage:

Class ADR: 5.1

UN: 3215

Packing Group: III

Label: 5.1

Maritime carriage:

Classe IMO: 5.1

UN: 3215

Packing Group: III

Label: 5.1

Air carriage:
IATA: 5.1
UN: 3215
Packing Group: III
Label: 5.1

15 – REGULATORY INFORMATION

The finished cosmetic products are manufactured and marketed as required by the Dir. 76/768/CEE and its further modifications.

They are specifically excluded from the application scope of the national and EC legislation concerning dangerous preparations 67/548/EEC and 1999/45/EC

The need to subject the workers to a health-watch program (pre-employment and periodic visits) shall be evaluated by the Competent Physician on the basis of his specific knowledge of the risks.

16 – OTHER INFORMATION

This file does not substitute the instructions for use.

All information and instructions contained in the present file is based on the current state of the art and refers to the date indicated on the file itself.

The physical and chemical characteristics of the product reported herein have the exclusive purpose of describing the product from a safety point of view and do not intend to guarantee any specific characteristics.

Text of -R- phrases quoted in section 2 of the sheet.

R 8 CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.

R22 HARMFUL IF SWALLOWED.

R34 CAUSES BURNS.

R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

R37 IRRITATING TO RESPIRATORY SYSTEM.

R42/43 MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.