



**MATERIAL SAFETY DATA SHEET**  
According to 91/155/EEC and 2001/58/CE  
Product : Neutral Pearl Powder  
MSDS No AC10-20-6 ind 1 du 15/01/2011

## 1. IDENTIFICATION/ PREPARATION OF THE COMPANY / COMPANY

TRADE NAME	Neutral Pearl Powder
USE OF THE SUBSTANCE	Powder for Dental Polishing
PREPARATION	
COMPANY	SATELEC
	Z.I. du Phare - BP 30216 33708 MERIGNAC Cedex - FRANCE
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

### PREPARATION

Components	Calcium Carbonate	CAS n° : 471-34-1	Concentration : < 94%
	Calcium Fluoride	CAS n° : 7789-75-5	Concentration : < 0,5%
	Calcium Nitrate	CAS n° : 10124-37-5	Concentration : < 0,5%
	Ammonium Nitrate	CAS n° : 6484-52-2	Concentration : < 2 %
	Tricalcium Orthophosphate	CAS n° : 7758-87-4	Concentration : < 0,5%
	Strontium carbonate	CAS n° : 1633-05-2	Concentration : < 1,5%

## 3. HAZARDS IDENTIFICATION

### PRINCIPAL HAZARDS

<i>Potential health effects</i>	No specific hazards when the material is handled in accordance with instructions of use.
<i>Physical and chemical hazards</i>	No specific hazards when the material is handled in accordance with instructions of use.
<i>Environment effects</i>	No environment hazards when the material is handled in accordance with official regulations

## 4. FIRST AID MEASURES

<i>Eyes contact</i>	Wash immediately with running water.
<i>Skin contac</i>	Wash immediately with running water and soap. Remove contaminated clothing.
<i>Inhalation</i>	Similar to other dust nuisance ; may cause irritation effects. Move to fresh air, keep the patient warm and at rest.
<i>Ingestion</i>	Give plenty of water or milk to drink.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

- appropriate All fire-extinguishers are suitable.

Special risks Not considered to be a fire or an explosive hazard.

Individual intervention methods Use any means suitable for extinguishing surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal protection

- *elementary precautions*      Wear gloves and appropriated glasses
- *means of protection*      Refer to section 8

### Environmental protection measure

Do not discard into sewers or streams

### Cleaning procedure

Pick up with appropriate products and store for a late disposal according to official regulations.  
Eliminate in an authorized center.

## 7. HANDLING AND STORAGE

### HANDLING

- Technical measures*      Keep out of the reach of children.

### STORAGE

- Technical measures*      Store in the original packaging
- Storage conditions*      Keep container tightly closed between each use. Store in a dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

- Technical measures**      No particular technical measures if rules of hygiene and safety are respected.
- Personal protection**
  - Hands*      Safety gloves
  - Eyes*      Appropriate goggles
  - Skin*      Security clothing
- Hygiene measures**      Do not eat, drink or smoke when using

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

- Physical state*      Powder
- Color*      Grayish White
- Odor*      Odorless
- pH*      Ca. 8.5 (10%)
- Solubility*      Slowly soluble in Water. Soluble in acids.
- Density*      Ca. 2.5 g/cm<sup>3</sup>

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under ordinary conditions of use and storage.

### REACTIVITY

- Conditions to avoid*      Heat, moisture. May ignite upon contact with fluorine gas.
- Hazardous decomposition*      Calcium oxide and carbon dioxide are formed upon heating/reaction with acids.

## 11. TOXICOLOGICAL INFORMATION

General	May cause irritation effects similar to other dusts.
Inhalation	May cause irritation effects similar to other nuisance dusts, to the respiratory tract.
...Skin Contact	Powder may irritate the skin.
...Eye contact	May cause irritation effects similar to other dusts.
...Ingestion	May cause irritation.

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY DATA	No information found. Slowly soluble in water, mineralizes, does not bioaccumulate. Do not discard into streams
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## 13. DISPOSAL CONSIDERATIONS

There is no homogeneous regulation within the EC regarding the disposal of chemical products and waste. The product is not classified as hazardous waste.  
Dispose of in accordance with local, state and federal regulations. Do not burn empty packaging not decontaminated. Dispose of as hazardous product.

## 14. TRANSPORT INFORMATION

International regulations

*Not subject to transport regulations (the product is not considered as dangerous good).*

## 15. REGULATORY INFORMATION

Labelling according to EC Directives Not restricted

## 16. OTHERS INFORMATIONS

Product use Product exclusively reserved for use professional dental use

This data sheet comes in addition to the instructions for use but it does not replace it. The above information is based on our present day knowledge and relates solely to the safety requirements of the product.

The purchaser / user should nevertheless comply with the regulation of the product and its therapeutic use. Should he not comply with it, may the liability of the manufacturer NOT be challenged in any way.

CAUTION: Use of the product for any other purpose than the one it was aimed for is at user's own risks.

Olivier Petit  
Quality System Manager

