



MATERIAL SAFETY DATA SHEET
According to 91/155/EEC and 2001/58/CE
Product : AIR N GO PERIO Powder
MSDS No AC10-20-7 ind 1 du 05/04/2011

1. IDENTIFICATION/ PREPARATION OF THE COMPANY / COMPANY

TRADE NAME AIR N GO PERIO Powder
USE OF THE SUBSTANCE Powder for Dental Polishing

COMPANY SATELEC
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2. COMPOSITION / INFORMATION ON INGREDIENTS

PREPARATION

Components Glycin CAS n : 56-40-6 Concentration > 99%
Silane Treated Silica CAS n : 68909-20-6 Concentration < 1%

3. HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Powder

Odor, Color, Grade: White, odorless

General Physical Form: Solid

Immediate health, physical, and environmental hazards: This document has been prepared in accordance with the U.S. OSHA Hazard Communication Standard, which requires the inclusion of all known hazards of the product or ingredients regardless of the potential risk. The risks of the hazards communicated in this document may vary depending on the potential for exposure.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact: Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Skin Contact: Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.



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4. FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water.

Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE-FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature *Not Applicable*

Flash Point *Not Applicable*

Flammable Limits(LEL) *Not Applicable*

Flammable Limits(UEL) *Not Applicable*

5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Non-flammable: ordinary combustible material.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.



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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air.

6.2. Environmental precautions

Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods

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

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

7. HANDLING AND STORAGE

7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid prolonged or repeated skin contact. Avoid eye contact.

7.2 STORAGE

Store away from heat. Store out of direct sunlight.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use with appropriate local exhaust ventilation. Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields

8.2.2 Skin Protection

Avoid prolonged or repeated skin contact. Gloves not normally required.

8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Do not ingest.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form: Powder

Odor, Color, Grade: White, odorless

General Physical Form: Solid

Autoignition temperature *Not Applicable*

Flash Point *Not Applicable*

Flammable Limits(LEL) *Not Applicable*

Flammable Limits(UEL) *Not Applicable*

Boiling Point *No Data Available*

Density 1.595 g/ml

Vapor Density *Not Applicable*

Vapor Pressure *Not Applicable*

Specific Gravity 1.4 - 1.6

pH 5.9 - 6.4

Melting point 232 - 236 °C

Solubility In Water 225 g/l

Evaporation rate *Not Applicable*

Kow - Oct/Water partition coef *Not Applicable*

Viscosity *Not Applicable*



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10. STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:

10.1 Conditions to avoid: Heat

10.2 Materials to avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Ammonia	During Combustion
Oxides of Nitrogen	During Combustion

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not determined.

CHEMICAL FATE INFORMATION: Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: For quantities <100 lbs. (50kg): dispose of waste product in a sanitary landfill. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

EPA Hazardous Waste Number (RCRA): Not regulated
Since regulations vary, consult applicable regulations or authorities before disposal.



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14. TRANSPORT INFORMATION

International regulations

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

15. REGULATORY INFORMATION

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

STATE REGULATIONS

Contact SATELEC for more information.

CHEMICAL INVENTORIES

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA.

The components of this product are listed on the Canadian Domestic Substances List.

16. OTHERS INFORMATIONS

NFPA Hazard Classification

Health: 1 Flammability: 1 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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