

**SAFETY DATA SHEET
 COTTON OF DENTAL AND MEDICAL USE
 DPDDFS-041**

1. IDENTIFICATION OF PRODUCT


- 1.1 Chemical name: Not apply.
- 1.2 Generic name: Cotton.
- 1.3 Synonym: Cotton for dental use, dental cotton
- 1.4 Recommended use and product use restrictions: The dental cotton is used to absorb oral fluids and the medical cotton is used for first aid, bandage, injectology and orthopedics. Do not use in open wounds, it's not a sterile product.
- 1.5 Emergency numbers: In case of emergency contact the Safety and Health at Work Coordination at the following numbers (++57 4) 403 87 60, ext. 1304, 1306.

2. IDENTIFICATION OF HAZARDS

2.1 GHS Classification:

Health	Environment	Physical
Do not apply.	Do not apply.	Flammable solid: Category 1

2.2 GHS Labelling:

Symbol	Signal word	Danger indication
	Danger	Flammable solid

- 2.3 Precautionary indications:
- 2.4 Appearance in emergencies: Smoke generation in case of combustion.
- 2.5 Potential adverse effects: None.
- 2.6 NFPA: Do not apply.
- 2.7 OSHA regulatory state: This is not a hazard material according to OSHA HCS.

3. INFORMATION ABOUT COMPOSITION

HAZARDOUS COMPONENTS		
Common name	Concentration	CAS Number
None	None	None

NON-HAZARDOUS COMPONENTS		
Common name	Concentration	CAS Number
Cellulose	88-96%	9004-34-6

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Address: Cra. 53 N° 50-09
Guarne (Antioquia) COLOMBIA.
Telephone: (574) 550 00 00
Fax: (574) 551 31 34

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4. FIRST AID MEASURES

4.1 Emergency procedures and first aid in case of:

- Inhalation: Cotton for dental use in each presentation does not have any component harmful for inhalation.
- Eye Contact: In case of eyes contact with solid particles of cotton for dental use, is recommended wash with water. This material does not induce any irritation and allergy characteristic of the product.
- Skin Contact: Cotton for dental use in each presentation does not have any component harmful for contact.
- Ingestion: There are not associated implications.

4.2 Most important symptoms/effects (acute and/or delayed): Scarcely hazardous in case of contact with eyes, ingestion or inhalation.

4.3 Antidote: Not apply.

4.4 Information for doctors: Not apply.

5. FIRE FIGHTING MEASURES

5.1 Flammability Properties: Carbone dioxide smokes are produced.

5.2 Suitable extinction of fire: Can be used A, ABC, PQS type extinguishers.

5.3 Unsuitable extinction of fire: Cotton doesn't has an unsuitable firefighting method.

5.4 Instructions to fight the fire: In the combustion of big amounts is recommended use independent breathing equipment and adequate protective clothes.

5.5 Firefighters' protection: Carbon dioxide emission.

5.6 Protective equipment and firefighters' protection: Evacuate the area and fight the fire from a safe distance with water or A, ABC or PQS fire extinguisher.

6. ACCIDENTAL RELEASE MEASURES

6.1 Techniques, procedures, materials and protective equipment in case of:

- Small spills: Pick it up manually.
- Large spills: Pick it up manually.

6.2 Environmental precautions: Do not apply.

6.3 Further considerations: Not apply

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7. HANDLING AND STORAGE

- 7.1 Handling: Observe manufacturer's recommendation. Cotton for dental use does not require special handling.
- 7.2 Storage: Store in fresh and dry place, away from sources ignition or excessive heat.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Conditions to control the exposure: Specific controls are not required.
- 8.2 Engineering controls: Do not need specific controls.
- 8.3 Personal Protective Equipment: Specific equipment is not required. Use gloves and security glasses for clinical application for the product.
- 8.4 Exposure Parameters: Not apply.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Solid formed by mixture of textile fiber short from, white color.
- Odor: Odorless.
- Physical State: Solid.
- pH: Not apply.
- Vapor pressure: Not apply.
- Vapor density: Not apply.
- Initial point and boiling range: Not determined.
- Fusion point: Not determined.
- Solubility in water: Insoluble.
- Specific gravity or density: 1.54 g/cm³ approximately.
- Decomposition point: 149 °C (300 °F), approximately.
- Solubility: Soluble in cupro-ammonium hydroxide.
- Elasticity Module: 40.0 – 80.0 g/denier, static method.

10. STABILITY AND REACTIVITY

- 10.1 Chemical Stability: Stable under storage and manipulation normal conditions.
- 10.2 Possibility of hazardous reactions: No.
- 10.3 Conditions to avoid: Excessive heat.
- 10.4 Incompatibility with others materials: Cupro-ammonium hydroxide.
- 10.5 Dangerous breaking down products: None.
- 10.6 Hazardous polymerization: Not apply.

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11. TOXICOLOGICAL INFORMATION

- 11.1 Possible routes of exposure:
- 11.2 Acute Toxicity: Not apply.
- 11.3 Chronic Toxicity: Not apply.
- 11.4 Additional Information: Product handling for the manufacturer's specification, does not produce side effects.

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity: Not available.
- 12.2 Persistence and degradability: The cotton is a biodegradable product.
- 12.3 Potential of bioaccumulation: Cotton is not bio accumulative.
- 12.4 Mobility in soil: Not available.
- 12.5 Other adverse effects: Cotton doesn't has other adverse effects.

13. DISPOSAL CONSIDERATIONS

Dispose as non-dangerous solid waste, do not throw to inappropriate places. observes the applicable local regulations.

Warning: The local laws, regulations and local restrictions can change or be reinterpreted from one country to another and also, they can be different from the ones being into effect in Colombia. This is why considerations about waste disposal of product and its packing may differ from the ones appearing in this document.

14. TRANSPORT INFORMATION

- 14.1 Hazardous material: None.
- 14.2 Class of risk: None.
- 14.3 UN number: 1364.
- 14.4 IATA Classification: Non-dangerous material.
- 14.5 Packing group: Non-Hazardous.
- 14.6 Marine pollutant (Yes/No): No.

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15. REGULATORY INFORMATION

- 15.1 In Colombia: Not apply.
- 15.2 International: Not apply.

16. OTHER IMPORTANT INFORMATION

The information registered in this document is based on our current knowledge and is given in good faith, but is not given an assurance express or implicit; neither is assumed any responsibility for the incorrect use of the product. This document is prepared according to:

- Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
- Colombian Technical Norm NTC4435:2010. Transport of Merchandises. Safety Data Sheets for Materials. Preparation.

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