



## 1. PRODUCT AND COMPANY IDENTIFICATION

Name of product: Bioviva Hemostatic Dental Gauze

Wound Dressing

Manufactured for 3D Dental development & design

2050 lord Baltimore dr. Windsor mill, MD 21244

**Phone:** 877-605-8061

## 2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Oxidized regenerated cellulose	9004-32-6	100%	None	None

## 3. HAZARD IDENTIFICATION

### Routes of Entry

Skin contact / Mouth

### Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

### Target Organs

None

### Health Effects - Eyes

Contact may cause irritation due to mechanical abrasion.

### Health Effects - Skin

No adverse effects are expected.

### Health Effects - Ingestion

None during normal handling and use.

### Health Effects - Inhalation

No adverse effects are expected during normal conditions of use.

#### **4. FIRST AID MEASURES**

##### **Eyes**

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

##### **Skin**

If skin irritation develops, or other symptoms occur, discontinue use. Wash skin thoroughly with soap and water. Seek medical attention if symptoms persist.

##### **Inhalation**

Seek medical attention if symptoms persist.

##### **Advice to Physicians**

Treat symptomatically.

#### **5. FIRE FIGHTING MEASURES**

##### **Extinguishing Media**

Use water spray, dry chemical or carbon dioxide.

##### **Unusual Fire and Explosion Hazards**

This product may release hazardous fumes in a fire.

##### **Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

#### **6. ACCIDENTAL RELEASE MEASURES**

No specific measures necessary.

#### **7. HANDLING AND STORAGE**

Do not get in eyes.

Keep packaging tightly closed to prevent gel dry out.

Keep away from heat and sources of ignition.

Storage area should be: - cool - dry - well ventilated.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

##### **Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

##### **Sodium Chloride**

None established

**Engineering Control Measures**

No specific measures necessary. Good general room ventilation is adequate to control airborne levels.

**Respiratory Protection**

Respiratory protection not normally required.

**Hand Protection**

Not required under normal conditions of use.

**Eye Protection**

Safety glasses

**Body Protection**

Normal work wear.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Textile
Color	White or light yellow
Odor	Slight
pH	6~9
Boiling Range/Point (°C/F)	Not applicable
Flash Point (PMCC) (°C/F)	No applicable
Explosion Limits (%)	No applicable
Vapor Pressure	No applicable
Solubility in Water (Type A)	3~5%
Vapor Density (Air = 1)	No applicable
Viscosity (mPa • s, 2 wt%) (Type A)	8~14

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to Avoid**

- Heat - High temperatures - Pressure - Mechanical shock

**Materials to Avoid**

None known.

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

- oxides of carbon - oxides of nitrogen

**11. TOXICOLOGICAL INFORMATION**

**Cytotoxicity**

This product saline extract did not cause significant cytotoxicity.

**Acute Toxicity**

This product saline extract did not cause acute toxicity by Intraperitoneal injections at 4, 24, 48 and 72 hours.

**Chronic Toxicity/Carcinogenicity**

This product is not expected to cause long term adverse health effects.

**Genotoxicity**

This product is not expected to cause any mutagenic effects.

**Reproductive/Developmental Toxicity**

This product is not expected to cause adverse reproductive effects.

**12. ECOLOGICAL INFORMATION****Mobility**

No relevant studies identified.

**Persistence/Degradability**

The product is readily biodegradable.

**Bio-accumulation**

Product is not expected to bioaccumulate.

**Ecotoxicity**

No relevant studies identified.

**13. DISPOSAL**

Dispose of in accordance with all applicable local and national regulations.

**14. TRANSPORT INFORMATION**

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

U.S. DOT Hazard Class:

Not regulated as hazardous

UN Number:

Not regulated as hazardous

## **15. REGULATORY INFORMATION**

Not Available.

## **16. OTHER INFORMATION**

Not Available.

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