

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Paper Points
 Product Code: 340, 358, 333, 338

Application: Drying root canals

Manufacturer: DiaDent Group International
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2. HAZARD IDENTIFICATION

A. GHS Classification

Serious Eye Damage/Eye Irritation: Category 2
 Specific Target Organ Toxicity (Single Exposure): Category 3, Respiratory System

B. GHS Label elements, including precautionary statements

Pictograms



Signal Words: Caution

Hazard Statement(s): H319 Causes severe eye irritation

Precautionary Statement(s):
 Prevention: P264 Wash hands thoroughly after handling the product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response: P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal: P501 Dispose of contents/container according to the related regulations.

C. Other hazards (according to the NFPA Rating System)

Health 1
 Flammability 1
 Reactivity 0

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Common Name	CAS No.	% Volume
PULP, CELLULOSE	Beta-Amylose	65996-61-4	100

4. FIRST AID MEASURES

- A. Eyes** Get medical aid immediately if discomfort or irritation persists.
- B. Skin** Consult a physician immediately if you feel discomfort.
- C. Inhalation** Remove patient from exposure to fresh air immediately. Administer approved oxygen supply if breathing is difficult and get medical aid immediately.
- D. Ingestion** Seek immediate medical help.
- E. Notes to Physicians:** Have a comprehensive understanding on the chemical and treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

- A. Appropriate Extinguishing Media**
 To extinguish a fire caused by or related to this chemical, use alcohol-resistant foam, Carbon Dioxide (CO₂), or water spray. Use dry sand or soil to smother the fire.
- B. Specific hazard arising from the chemical**
 Smoke (fumes) can be produced due to pyrolysis or combustion process.
- C. Special Protective Equipment & Precautions for Firefighters**
 Firefighters should wear appropriate protective equipment. Stay a safe distance away from the fire while extinguishing. If not dangerous, remove the container from the fire. To dispose of fire water, pour it into a spacious dug lot and make sure it is not spilled or scattered outward.

6. ACCIDENTAL RELEASE MEASURES

- A. Protective Equipment & Emergency Procedures**
 Give special attention to chemical materials and conditions that must be avoided.
- B. Environmental Precautions**
 Prevent the inflow of this product to waterways, drains, basements, and confined spaces.
- C. Purification / Removal Method**
 Dispose of the product as medical waste.

7. HANDLING AND STORAGE

A. Safe handling

Follow all prevention measures on the MSDS/labels. Handle and store with care.
Give special attention to chemical materials and conditions that must be avoided.
Wear personal protective equipment while handling the product.

B. Conditions for Safe Storage

Keep away from humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

A. Exposure Limits for Chemical Substances & Biological Exposure Limits	N/A
B. System Design (Proper Engineering Controls)	N/A
C. Personal protective equipment	
Respiratory protection	N/A
Eye protection	N/A
Hand protection	N/A
Skin & body protection	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

A. Appearance	
Physical state	Solid (conical shape)
Colour	White
B. Odour	N/A
C. Odour threshold value	N/A
D. pH	N/A
E. Melting point/Freezing point	N/A
F. Initial boiling point & Boiling range	N/A
G. Flash point	N/A
H. Evaporation rate	N/A
I. Flammability (solid, gas)	N/A
J. Maximum/minimum of the flammable or explosive limits	N/A
K. Vapor pressure	N/A
L. Solubility	N/A
M. Vapor density	N/A
N. Specific Gravity	1.27-1.60
O. Partition coefficient: n-Octanol/water	N/A
P. Autoignition temperature	N/A
Q. Decomposition temperature	260-270°C
R. Viscosity	N/A

10. STABILITY AND REACTIVITY

A. Chemical Stability & Possibility of Hazardous Reactions	N/A
B. Conditions to avoid	Moisture
C. Incompatible materials	Inflammable Materials & Reducing Materials
D. Hazardous decomposition or by product	Smoke (fumes) can be produced due to pyrolysis or combustion process.

11. TOXICOLOGY INFORMATION

A.	Possible Routes of Exposure	N/A
B.	Information on Harmful Health Effects (Symptoms related to the physical, chemical and toxicological characteristics)	
	Acute toxicity	
	Oral	N/A
	Dermal	N/A
	Inhalation	N/A
	Skin corrosion/Irritation	N/A
	Serious Eyes damage/Irritation	May cause irritation to the eyes
	Respiratory sensitization	N/A
	Skin sensitization	N/A
	Carcinogenicity	
	Korean Industrial Safety and Health Act	N/A
	Notification of the Ministry of Employment and Labour	N/A
	IARC	N/A
	OSHA	N/A
	ACGIH	N/A
	NTP	N/A
	EU CLP	N/A
	Germ cell mutagenicity	N/A
	Reproductive Toxicity	N/A
	Target Organ Toxicity (Single Exposure)	Inhalation causes respiratory tract irritation
	Target Organ Toxicity (Repeated Exposure)	N/A
	Aspiration (Inadvertent Suction) Toxicity	N/A

12. ECOLOGICAL INFORMATION

A.	Ecotoxicity	
	Fish	N/A
	Shellfish	N/A
	Birds	N/A
B.	Persistence & Degradability	
	Persistence	N/A
	Degradability	N/A
C.	Bioaccumulative potential	
	Accumulation	N/A
	Biodegradability	N/A
D.	Mobility in soil	N/A
E.	Other adverse effects	N/A

13. DISPOSAL CONSIDERATIONS

- A. Product Disposal**
If stated in the Wastes Control Act, dispose of the contents and container accordingly.
- B. Precautions for Disposal**
Dispose of the content according to the related regulations.

14. TRANSPORT INFORMATION

- A. UN Number**
Classification information on transportation of hazardous materials not available
- B. Proper shipping name** N/A
- C. Hazard class** N/A
- D. Packing Group** N/A
- E. Marine pollutant** N/A
- F. Any special precautions which a user should be aware of or needs to comply with, in connection with transport or conveyance either within or outside their premises (Special precautions which a user needs to be aware of or needs to comply outside their premises with in connection with transport or conveyance either within or outside their premises)**
- Emergency procedures in case of re N/A
- Emergency procedures in case of spill/leak N/A

15. REGULATORY INFORMATION

- A. Regulations according to the Korean Industrial Safety and Health Act** N/A
/ Industrial Safety and Health Act
- B. Regulations according to the Toxic Chemicals Control Act** N/A
- C. Regulations according to the Safety Control of Dangerous Substances Act** N/A
- D. Regulations according to the Wastes Control Act** N/A
- E. Other regulations according to domestic and foreign laws**
- Follow the regulations of the KFDA (Korea Food & Drug Administration).
 - Follow the regulations of the Directive 93/42/EEC and 2007/42/EC.

16. FURTHER INFORMATION

- A. Source of Data International Uniform Chemical Information Database (IUCLID)**
(<http://ecb.jrc.it/esis>) (Appearance)
Corporate Solution from Thomson Micromedex
(<http://csi.micromedex.com>) (M. Specific Gravity)
- B. Created date** 06 / 18 / 2014
- C. Revision Number & Revision Date**
Version Number 0
Last revised date 06 / 18 / 2014
- E. Other Information**

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate and reliable. It is intended to describe the product according to various safety requirements. However, the manufacturer makes no warranty with respect to the accuracy and completeness of the information or the suitability of the recommendation and assumes no liability to any user thereof.