

## PearlWhite® Advanced Whitening Toothpaste

### 1. IDENTIFICATION

<b>Product Name</b>	PearlWhite® Advanced Whitening Toothpaste
<b>Product Description</b>	Whitening toothpaste of advanced formula
<b>Manufacturer</b>	BEYOND® International, Incorporated USA 711 Julie Rivers Dr. Sugar Land, TX 77478 USA TEL +1-281-277-4352 E-mail: info@beyonddent.com www.beyonddent.com
<b>Representative Office</b>	BEYOND® USA Headquarters 711 Julie Rivers Dr. Sugar Land, TX 77478 USA TEL +1-281-277-4352 E-mail: <a href="mailto:info@beyonddent.com">info@beyonddent.com</a> BEYOND® European Headquarters Germany TEL: +48-600-288-309 E-mail: <a href="mailto:europe@beyonddent.com">europe@beyonddent.com</a>
<b>E-mail Address</b>	info@beyonddent.com
<b>Questions?</b>	Call +1-855-956-6668 M-F 9:00 a.m. – 5:30 p.m. CST
<b>Online:</b>	www.beyonddent.com

### 2. HAZARDS IDENTIFICATION

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use.

This product is classified under 29CFR 1910.1200(d) as follows:

<b>Eye Irritation</b>	Category 2
<b>Skin Sensitization</b>	Category 1
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.

**Hazard Pictograms**



<b>Precautionary Prevention</b>	<b>Statements</b>	<ul style="list-style-type: none"> <li>– P261 Avoid breathing dust/ fume/ gas/ mist/ vapor/ spray.</li> <li>P264 Wash skin thoroughly after handling.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 Wear protective gloves/ eye protection/ face protection.</li> </ul>
---------------------------------	-------------------	--

<b>Precautionary Response</b>	<b>Statements</b>	- P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313: If eye irritation persists: Get medical advice/ attention. P363 Wash contaminated clothing before reuse.
<b>Precautionary Storage</b>	<b>Statements</b>	- None
<b>Precautionary Disposal</b>	<b>Statements</b>	- None
<b>Hazards not otherwise classified</b>		None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonym	CAS No.	Weight %
Calcium carbonate	-	1317-65-3	>=20 - <30
Silica, amorphous	-	112926-00-8	>=10 - <20
Sodium lauryl sulfate	-	151-21-3	>=1 - <5
Tetrasodium pyrophosphate	-	7722-88-5	>=1 - <5
Titanium dioxide	-	13463-67-7	>=1 - <5

### 4. FIRST AID MEASURES

<b>General Advice</b>	No hazards which require special first aid measures.
<b>Eye Contact</b>	If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
<b>Skin Contact</b>	None under normal use.
<b>Ingestion</b>	Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.
<b>Inhalation</b>	None under normal use.
<b>Most Important Symptoms/Effects, Acute and Delayed</b>	May cause eye irritation. May cause skin irritation.

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	None
<b>Special Hazard</b>	None
<b>Special Protective Equipment for Fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, OSHA/NIOSH (approved or equivalent) and full protective gear.

Specific Hazards Arising from the Chemical      None

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions**      None under normal use conditions.

**Advice for Emergency Responders**      Use personal protective equipment as required.

**Environmental Precautions**      Household: Product is safe to dispose of in household garbage or down the drain.  
Non-household: Do not discharge product into natural waters without pre-treatment or adequate dilution.

### Methods and materials for containment and cleaning up

**Methods for Containment**      No information available.

**Methods for Cleaning up**      No information available.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling**      Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**      Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products**      None

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Component	CAS No.	Value Type	Control Parameters	Basis
Titanium dioxide	13463-67-7	TWA	15mg/m <sup>3</sup>	OSHA PEL
Silica, amorphous	112926-00-8	TWA	6mg/m <sup>3</sup>	NIOSH REL
		TWA	20mppcf	OSHA Z-3 PEL
Calcium carbonate	1317-65-3	TWA	10mg/m <sup>3</sup> (total) 5mg/m <sup>3</sup> (resp.)	NIOSH REL
Tetrasodium pyrophosphate	7722-88-5	TWA	5mg/m <sup>3</sup>	NIOSH REL
Sodium lauryl sulfate	151-21-3	N/A	N/A	N/A

No relevant exposure guidelines for other ingredients

### Exposure controls

Engineering Measures      No information available

## **Personal Protective Equipment**

Eye Protection	Manufacturing sites: Safety glassed with side-shields. Distribution, workplace and household settings: No special protective equipment required.
Hand Protection	Manufacturing sites: Protective glove resistant to corrosive matters. Distribution, workplace and household settings: No special protective equipment required.
Skin and body protection	Manufacturing sites: Chemically resistant material and fabrics. Distribution, workplace and household settings: No special protective equipment required.
Respiratory Protection	Manufacturing sites: Approved respiratory protection. Distribution, workplace and household settings: No special protective equipment required.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

<b>Physical State @20°C</b>	Semi-solid/paste
<b>Appearance</b>	Pearly and chalky white
<b>Odor</b>	Mint-like, Spicy, Fruity
<b>Odor Threshold</b>	Not available
<b>pH</b>	8.0-10.0
<b>Melting/freezing Point</b>	Not available
<b>Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability(Solid, gas)</b>	Not available
<b>Lower Flammability Limit</b>	Not available
<b>Upper Flammability Limit</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available
<b>Relative Density</b>	Not available
<b>Water Solubility</b>	Not available
<b>Solubility in Other Solvents</b>	Soluble in water
<b>Partition Coefficient: N-Octanol/Water</b>	Not available
<b>Autoignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity of Product</b>	Not available
<b>VOC Content(%)</b>	Products comply with US state and federal regulation for VOC

content in consumer products.

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	None under normal use conditions.
<b>Stability</b>	Stable under normal conditions.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	None under normal processing.
<b>Materials to Avoid</b>	None in particular.
<b>Hazardous Products</b>	<b>Decomposition</b> None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

<b>Inhalation</b>	No known effect.
<b>Skin Contact</b>	No known effect.
<b>Ingestion</b>	No known effect.
<b>Eye Contact</b>	Avoid contact with eyes. Irritating to eyes.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Acute Toxicity</b>	No known effect.
<b>Skin Corrosion/Irritation</b>	No known effect.
<b>Serious Eye Damage/Eye Irritation</b>	Irritating to eyes.
<b>Skin Sensitization</b>	No known effect.
<b>Respiratory Sensitization</b>	No known effect.
<b>Germ Cell Mutagenicity</b>	No known effect.
<b>Neurological Effects</b>	No known effect.
<b>Reproductive Toxicity</b>	No known effect.
<b>Teratogenicity</b>	No known effect.
<b>STOT - Single Exposure</b>	No known effect.
<b>STOT – Repeated Exposure</b>	No known effect.
<b>Target Organ Effects</b>	No known effect.
<b>Aspiration Hazard</b>	No known effect.
<b>Carcinogenicity</b>	No known effect.

### Information on Toxicological Effects – Ingredients

Chemical Name	CAS No.	LD50 Oral	LD50 Dermal	LC50 Inhalation
Titanium dioxide	13463-67-7	10000mg/kg (rat)	N/A	N/A
Silica, amorphous	112926-00-8	>3100mg/kg bw (rat)	>5000mg/kg bw (rabbit)	N/A
Calcium carbonate	1317-65-3	>2000mg/kg (rat) OECD Guideline 420	>2000mg/kg (rat) OECD Guideline 402	>3mg/L/4h (rat) OECD Guideline 403

Tetrasodium pyrophosphate	7722-88-5	>300 - <2000mg/kg (rat)	7940mg/kg (rabbit)	N/A
Sodium lauryl sulfate	151-21-3	977 mg/kg (rat)	>2000 mg/kg (rabbit)	N/A

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment, nor to the waste water treatment process.

**Persistence and degradability** Product is biodegradable.

**Bio-accumulative potential** Bio-accumulation is unlikely to happen.

**Mobility** Product is not likely to be mobile in the environment.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

### Water treatment

**Waste from Residue/Unused Products** Non-household: Product is safe to dispose of in household garbage or down the drain. The product is not expected to be hazardous to waste water treatment processes.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**DOT** Not Regulated

**IMDG** Not Regulated

**IATA** Not Regulated

## 15. REGULATORY INFORMATION

### U.S. Federal and International Regulations

PearlWhite® Advanced Whitening Toothpaste							
Chemical Name	AICS	DSL	IECSC	ENCS	ECL	EINECS	U.S. TSCA
Titanium dioxide (13463-67-7)	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Silica, amorphous (112926-00-8)	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Calcium carbonate (1317-65-3)	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Tetrasodium pyrophosphate (7722-88-5)	Listed	Listed	Listed	No Listed	Listed	Listed	Listed
Sodium lauryl	Listed	Listed	Listed	Listed	Listed	Listed	Listed

sulfate (151-21-3)							
-----------------------	--	--	--	--	--	--	--

#### **U.S. State Regulations**

<b>Chemical Name</b>	<b>Massachusetts RTK</b>	<b>New Jersey RTK</b>	<b>Pennsylvania RTK</b>	<b>California 65</b>	<b>Prop.</b>
Titanium dioxide (13463-67-7)	Listed	Listed	Listed	Carcinogen	
Silica, amorphous (112926-00-8)	Listed	Listed	Listed	-	
Calcium carbonate (1317-65-3)	Listed	Listed	Listed	-	
Tetrasodium pyrophosphate (7722-88-5)	Listed	Listed	Listed	-	
Sodium lauryl sulfate (151-21-3)	Listed	Listed	Listed	-	

#### **CERCLA/SARA**

<b>Chemical Name</b>	<b>CERCLA – Hazardous Substances and their Reportable Quantity</b>	<b>SARA 302</b>	<b>SARA 313</b>	<b>SARA 311/312</b>
Titanium dioxide (13463-67-7)	None	None	None	None
Silica, amorphous (112926-00-8)	None	None	None	None
Calcium carbonate (1317-65-3)	None	None	None	None
Tetrasodium pyrophosphate (7722-88-5)	None	None	None	Acute Health Hazard
Sodium lauryl sulfate (151-21-3)	None	None	None	None

### **16. OTHER INFORMATION**

**Issuing Date**

26-Jul-2017

**Revision Date**

01/16/20

**Revision No.**

Q12020

**Disclaimer**

Use as directed. The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, BEYOND® International Inc, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any

user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.