

## ULTRA BRITE WHITENING TOOTHPASTE-PEPPERMINT

*This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.*

Version 1.0

SDS Number: 660000000590

Revision Date: 10/26/2015

### SECTION 1. IDENTIFICATION

Product name : ULTRA BRITE WHITENING TOOTHPASTE-PEPPERMINT

Product code : 200000030571

Material : B05425190008

#### Manufacturer or supplier's details

**Company** : Colgate-Palmolive Co  
300 Park Avenue  
New York, NY 10022

**Telephone** : US: Consumer Affairs - 1-800-468-6502

Telefax : +50250224239500

**Emergency telephone number** : For emergencies involving spill, leak, fire, exposure or accident call CHEMTREC (24hr) at (800) 424-9300 or (703) 527-3887.

**Medical Emergency (24HR):** For MEDICAL EMERGENCIES involving this product call: (888) 489-3861

#### Recommended use of the chemical and restrictions on use

Recommended use : A formulated dentifrice.

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Eye irritation : Category 2A

Skin sensitisation : Category 1

#### GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P201 Obtain special instructions before use.

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P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear eye protection/ face protection.

P280 Wear protective gloves.

P281 Use personal protective equipment as required.

**Response:**

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.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

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.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

Chemical Name	CAS-No.	Concentration (% w/w)
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or silicates	$\geq 20$ - $< 30$
POLYETHYLENE GLYCOL	25322-68-3	$\geq 1$ - $< 5$
SODIUM LAURYL SULFATE	151-21-3	$\geq 1$ - $< 5$
TITANIUM DIOXIDE (C.I. 77891)	13463-67-7	$\geq 0.1$ - $< 1$
TETRASODIUM PYROPHOSPHATE	7722-88-5	$\geq 0.1$ - $< 1$
SODIUM FLUORIDE	7681-49-4	$\geq 0.1$ - $< 1$
PEPPERMINT (MENTHA PIPERITA) OIL	PEPPERMINT	$\geq 0.1$ - $< 1$

### SECTION 4. FIRST AID MEASURES

If inhaled : Not Applicable

In case of skin contact : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

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In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed	: Drink 8 ounces of clear water. Get medical attention.
Most important symptoms and effects, both acute and delayed	: May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous combustion products	: No hazardous combustion products are known
Special protective equipment for firefighters	: Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protection recommended in Section 8 of the SDS.
Methods and materials for containment and cleaning up	: Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

### SECTION 7. HANDLING AND STORAGE

Conditions for safe storage	: Store at controlled room temperature at 20-25°C (68-77°F).
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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or silicates	TWA	6 mg/m <sup>3</sup>	OSHA P0
		TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m <sup>3</sup> /	OSHA Z-3

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			%SiO <sub>2</sub> (Silica)	
POLYETHYLENE GLYCOL	25322-68-3	TWA (aero-sol)	10 mg/m <sup>3</sup>	US WEEL
TITANIUM DIOXIDE (C.I. 77891)	13463-67-7	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam-pling time	Permissible concentra-tion	Basis
SODIUM FLUORIDE	7681-49-4	CUST-TD-95246 (CUST-N15.00110665)	Urine	Prior to shift (16 hours after exposure ceases)	2 mg/l	ACGIH BEI
		CUST-TD-95246 (CUST-N15.00110665)	Urine	End of shift (As soon as possible after exposure ceases)	3 mg/l	ACGIH BEI

**Engineering measures** : In an industrial work environment, no special precautions or control measures are required.

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Protective measures : In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective gloves. For consumer use, no unusual precautions are necessary.

Hygiene measures : In an industrial work environment, avoid eye and prolonged skin contact.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Colour : white

pH : 7.4 - 8.4

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Flash point : Not applicable

Density : 1.365 g/cm3

**SECTION 10. STABILITY AND REACTIVITY**

Possibility of hazardous reactions : Hazardous polymerisation does not occur.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : None known.

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Product:**Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation methodAcute inhalation toxicity : Acute toxicity estimate: > 10 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method**Components:****SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**Acute oral toxicity : LD50 (Rat): > 22,500 mg/kg  
Method: No information available.

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

**POLYETHYLENE GLYCOL:**

Acute oral toxicity : LD50 (Rat): &gt; 5,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

**SODIUM LAURYL SULFATE:**Acute oral toxicity : LD50 (Rat): 977 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

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Revision Date: 10/26/2015

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Method: OECD Test Guideline 402

**TITANIUM DIOXIDE (C.I. 77891):**

Acute oral toxicity : LD50 (Rat): > 10,000 mg/kg  
Method: No information available.

Acute inhalation toxicity : LC50 (Rabbit): > 6.82 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: No information available.

Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg  
Method: No information available.

**TETRASODIUM PYROPHOSPHATE:**

Acute oral toxicity : LD50 (Rat): 1,624 mg/kg  
Method: OECD Test Guideline 425

Acute inhalation toxicity : LC50 (Rabbit): > 0.58 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Method: OECD Test Guideline 402

**SODIUM FLUORIDE:**

Acute oral toxicity : LD50 (Rat): 177 - 272 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402

**PEPPERMINT (MENTHA PIPERITA) OIL:**

Acute oral toxicity : LD50 (Rat): 2,650 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Method: OECD Test Guideline 402

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**

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Revision Date: 10/26/2015

Remarks: No data available

**POLYETHYLENE GLYCOL:**

Result: No skin irritation

**SODIUM LAURYL SULFATE:**

Result: Severe skin irritation

**TITANIUM DIOXIDE (C.I. 77891):**

Result: No skin irritation

**TETRASODIUM PYROPHOSPHATE:**

Result: No skin irritation

**SODIUM FLUORIDE:**

Result: Severe skin irritation

**PEPPERMINT (MENTHA PIPERITA) OIL:**

Result: Severe skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Components:**

**SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**

Result: Eye irritation

**POLYETHYLENE GLYCOL:**

Result: No eye irritation

**SODIUM LAURYL SULFATE:**

Result: Irreversible effects on the eye

**TITANIUM DIOXIDE (C.I. 77891):**

Result: No eye irritation

**TETRASODIUM PYROPHOSPHATE:**

Result: Irritation to eyes, reversing within 21 days

**SODIUM FLUORIDE:**

Result: Irritation to eyes, reversing within 21 days

**PEPPERMINT (MENTHA PIPERITA) OIL:**

Result: Irritation to eyes, reversing within 21 days

**Respiratory or skin sensitisation**

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

**Components:**

**SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**

Exposure routes: Inhalation

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---

Version 1.0

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Revision Date: 10/26/2015

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Remarks: No data available

Exposure routes: Dermal

Remarks: No data available

**POLYETHYLENE GLYCOL:**

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

**SODIUM LAURYL SULFATE:**

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

**TITANIUM DIOXIDE (C.I. 77891):**

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

**TETRASODIUM PYROPHOSPHATE:**

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

**SODIUM FLUORIDE:**

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

**PEPPERMINT (MENTHA PIPERITA) OIL:**

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: May cause sensitisation by skin contact.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Suspected of causing cancer.



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Revision Date: 10/26/2015

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**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks: This product has not been tested as a whole. However, this formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 3 of the SDS.

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### SECTION 12. ECOLOGICAL INFORMATION

The product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Environmental, Health and Safety group of Colgate-Palmolive and determined to have an acceptable environmental profile. This evaluation is based on available information on individual ingredients, interactions of ingredients, and similar ingredients. Biodegradability claims are supported by data on ingredients (i.e., surfactants are biodegradable) or testing conducted on the final product (i.e., This product is biodegradable).

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### SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environment agency for specific rules). Do not dump in sewers, any body of water or on the ground.

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### SECTION 14. TRANSPORT INFORMATION

**DOT** : Not regulated.

**TDG** : Not regulated.

**IATA** : Not regulated.

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Revision Date: 10/26/2015

**IMDG** : Not regulated.**ADR** : NOT REGULATED**International Regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Component RQ (lbs)
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**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Chronic Health Hazard  
Acute Health Hazard**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.**Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

POLYETHYLENE 25322-68-3

GLYCOL

**Clean Water Act**

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

SODIUM FLUORIDE 7681-49-4

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

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Revision Date: 10/26/2015

SODIUM FLUORIDE 7681-49-4

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or sili- cates	20 - 30 %
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#### Pennsylvania Right To Know

WATER	Water	30 - 50 %
D-SORBITOL	50-70-4	20 - 30 %
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or sili- cates	20 - 30 %
HYDROGENATED STARCH	Not Assigned	5 - 10 %
HYDROLYSATE / POLYHYDRIC ALCOHOL		
SODIUM SULFATE	7757-82-6	0.1 - 1 %
SODIUM FLUORIDE	7681-49-4	0.1 - 1 %

#### New Jersey Right To Know

WATER	Water	30 - 50 %
D-SORBITOL	50-70-4	20 - 30 %
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or sili- cates	20 - 30 %
HYDROGENATED STARCH	Not Assigned	5 - 10 %
HYDROLYSATE / POLYHYDRIC ALCOHOL		
POLYETHYLENE GLYCOL	25322-68-3	1 - 5 %
SODIUM FLUORIDE	7681-49-4	0.1 - 1 %

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ASTM - American Society for the Testing of Materials; bw - Body weight; DIN - Standard of the German Institute for Standardisation; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Of-

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Version 1.0

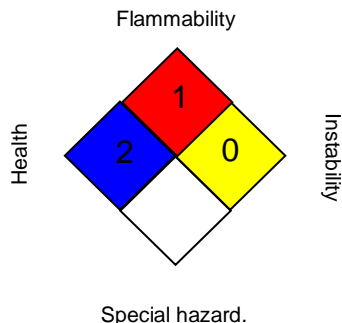
SDS Number: 660000000590

Revision Date: 10/26/2015

Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; DOT - Department of Transportation; EHS - Extremely Hazardous Substance; HMIS - Hazardous Materials Identification System; MSHA - Mine Safety and Health Administration; NFPA - National Fire Protection Association; RCRA - Resource Conservation and Recovery Act; RQ - Reportable Quantity; SARA - Superfund Amendments and Reauthorization Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice; ERG - Emergency Response Guide; NTP - National Toxicology Program; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods

### Further information

#### NFPA:



#### HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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