

**COLGATE TOTAL TOOTHPASTE GUM**

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Version	Revision Date:	SDS Number:	Date of last issue: -
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**SECTION 1. IDENTIFICATION**

Product name : COLGATE TOTAL TOOTHPASTE GUM  
B06000660003

Product code : 200000073856

**Manufacturer or supplier's details**

Company name of supplier : Colgate-Palmolive Co  
300 Park Avenue  
New York, NY 10022

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

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

Global-CHEMTREC- +1 703-741-5970

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

Recommended use : Dentifrice.

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Not a hazardous substance or mixture.

**Other hazards**

None known.

**GHS label elements**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Components**

Chemical name	CAS-No.	Concentration (% w/w)
Hydrated Silica	112926-00-8	$\geq 10 - \leq 30$
Glycerin	56-81-5	$\geq 3 - \leq 7$
SODIUM METHYL COCOYL	61791-42-2	$\geq 1 - \leq 5$

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TAURATE		
TETRASODIUM PYROPHOSPHATE	7722-88-5	$\geq 0.5 - \leq 1.5$
Titanium Dioxide	13463-67-7	$\geq 0.1 - \leq 1$
STANNOUS FLUORIDE	7783-47-3	$\geq 0.1 - \leq 1$
L-Carvone	6485-40-1	$\geq 0.1 - \leq 1$
L-LIMONENE	5989-54-8	$\geq 0.1 - \leq 1$

### SECTION 4. FIRST AID MEASURES

General advice	:	Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of eye contact	:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Administer milk but do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	None known.
Notes to physician	:	Treat symptomatically.

### SECTION 5. FIREFIGHTING MEASURES

Specific hazards during fire-fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	No hazardous combustion products are known
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Conditions for safe storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

Further information on storage stability : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Hydrated Silica	112926-00-8	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> / %SiO <sub>2</sub> (Silica)	OSHA Z-3
Glycerin	56-81-5	TWA (mist, respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (mist, total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Mist -	10 mg/m <sup>3</sup>	OSHA P0

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		total dust)		
		TWA (Mist - respirable fraction)	5 mg/m3	OSHA P0
TETRASODIUM PYROPHOSPHATE	7722-88-5	TWA	5 mg/m3	NIOSH REL
		TWA	5 mg/m3	OSHA P0
Titanium Dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
STANNOUS FLUORIDE	7783-47-3	TWA	2 mg/m3 (Tin)	OSHA Z-1
		TWA	2.5 mg/m3 (Fluorine)	OSHA Z-1
		TWA	2.5 mg/m3 (Fluorine)	ACGIH
		TWA	2 mg/m3 (Tin)	ACGIH
		TWA	2 mg/m3 (Tin)	OSHA P0
		TWA	2.5 mg/m3 (Fluorine)	OSHA P0
		TWA	2 mg/m3 (Tin)	NIOSH REL
		TWA (Inhalable particulate matter)	2 mg/m3 (Tin)	ACGIH

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
STANNOUS FLUORIDE	7783-47-3	Fluoride (Fluorine)	Urine	Prior to shift (16 hours after exposure ceases)	2 mg/l	ACGIH BEI
		Fluoride (Fluorine)	Urine	End of shift (As soon as possible after exposure ceases)	3 mg/l	ACGIH BEI

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

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Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit
Hygiene measures	:	General industrial hygiene practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	paste
Colour	:	white
Odour	:	No data available
pH	:	6.5 - 7.5
Melting point/ range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	No data available
Solubility(ies)		
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		

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Viscosity, kinematic : No data available

Particle characteristics  
Particle size : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : Not applicable

Hazardous decomposition products : No hazardous decomposition products are 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 method

Acute inhalation toxicity : Acute toxicity estimate: > 200 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

**Components:****Hydrated Silica:**

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

**SODIUM METHYL COCOYL TAURATE:**

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Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rabbit): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: Acute toxicity estimate

**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

**Titanium Dioxide:**

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

Acute inhalation toxicity : Acute toxicity estimate (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.

**STANNOUS FLUORIDE:**

Acute oral toxicity : LD50 (Rat): 200 - 300 mg/kg  
Method: No information available.

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

**L-Carvone:**

Acute oral toxicity : LD50 (Rat): 2,500 mg/kg

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Acute inhalation toxicity : LC50 (Rat): > 5.66 mg/l  
Test atmosphere: No information available.  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 3,800 mg/kg

**L-LIMONENE:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Method: No information available.

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****Hydrated Silica:**

Remarks : No data available

**Glycerin:**

Result : No skin irritation

**SODIUM METHYL COCOYL TAURATE:**

Result : No skin irritation

**TETRASODIUM PYROPHOSPHATE:**

Result : No skin irritation

Remarks : May cause skin irritation in susceptible persons.

**Titanium Dioxide:**

Result : No skin irritation

**STANNOUS FLUORIDE:**

Remarks : No data available

**L-Carvone:**

Remarks : No data available

Remarks : May cause skin irritation and/or dermatitis.

**L-LIMONENE:**



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Result : Mild skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:****Hydrated Silica:**

Remarks : No data available

**Glycerin:**

Result : No eye irritation

**SODIUM METHYL COCOYL TAURATE:**

Result : Eye irritation

**TETRASODIUM PYROPHOSPHATE:**

Result : Irritation to eyes, reversing within 21 days

Remarks : May cause irreversible eye damage.

**Titanium Dioxide:**

Result : No eye irritation

**STANNOUS FLUORIDE:**

Result : Irritation to eyes, reversing within 21 days

**L-Carvone:**

Species : Rabbit

Result : No eye irritation

Assessment : No eye irritation

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

**L-LIMONENE:**

Result : No eye irritation

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

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**Components:****Hydrated Silica:**

Exposure routes : Inhalation  
Remarks : No data available

Exposure routes : Dermal  
Remarks : No data available

**Glycerin:**

Exposure routes : Inhalation  
Remarks : No data available

Exposure routes : Dermal  
Result : Does not cause skin sensitisation.

**SODIUM METHYL COCOYL TAURATE:**

Exposure routes : Inhalation  
Remarks : No data available

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.

**Titanium Dioxide:**

Exposure routes : Inhalation  
Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal  
Result : Does not cause skin sensitisation.

**STANNOUS FLUORIDE:**

Exposure routes : Inhalation  
Remarks : No data available

Exposure routes : Dermal  
Remarks : No data available

**L-Carvone:**

Exposure routes : Inhalation  
Remarks : No data available

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Exposure routes : Dermal  
Species : Mouse  
Remarks : Causes sensitisation.

Remarks : Causes sensitisation.

**L-LIMONENE:**

Result : May cause sensitisation by skin contact.

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****L-Carvone:**

Genotoxicity in vitro : Test Type: reverse mutation assay  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: negative

**Carcinogenicity**

Not classified based on available information.

**IARC**

Group 2B: Possibly carcinogenic to humans This finished consumer product is not expected to exhibit carcinogenic effects. Exposure via airborne, respirable unbound particles of Titanium dioxide (13463-67-7) is not applicable to the intended use of this product.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

This finished consumer product is not expected to exhibit carcinogenic effects. Exposure via airborne, respirable unbound particles of Titanium dioxide (13463-67-7) is not applicable to the intended use of this product.

**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.

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**Repeated dose toxicity****Components:****L-Carvone:**

Species	:	Mouse, male and female
NOAEL	:	375 mg/kg
Application Route	:	Oral
Method	:	OECD Test Guideline 408

**Aspiration toxicity**

Not classified based on available information.

**Components:****L-LIMONENE:**

May be fatal if swallowed and enters airways.

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

Remarks	:	No data available
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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 Occupational 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).

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues	:	The product should not be allowed to enter drains, water courses or the soil.
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**SECTION 14. TRANSPORT INFORMATION**

DOT	:
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Not regulated.

**TDG**

:

Not regulated.

**IATA**

:

Not regulated.

**IMDG**

:

Not regulated.

**IMDG EmS Number** :Not applicable.

**ADR**

:

Not regulated.

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**SECTION 15. REGULATORY INFORMATION****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

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

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

**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 112 (40 CFR 61).

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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 SOCMII Intermediate or Final VOC's (40 CFR 60.489):

Glycerin	56-81-5
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**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

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

This product does not contain any priority pollutants related to the U.S. Clean Water Act

**US State Regulations****Massachusetts Right To Know**

WATER	7732-18-5
Hydrated Silica	112926-00-8
Glycerin	56-81-5
TETRASODIUM PYROPHOSPHATE	7722-88-5

**Pennsylvania Right To Know**

WATER	7732-18-5
Sorbitol	1259528-21-6
Hydrated Silica	112926-00-8
Glycerin	56-81-5
TETRASODIUM PYROPHOSPHATE	7722-88-5
SODIUM SULFATE	7757-82-6

**TSCA list**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

**SECTION 16. OTHER INFORMATION****Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification

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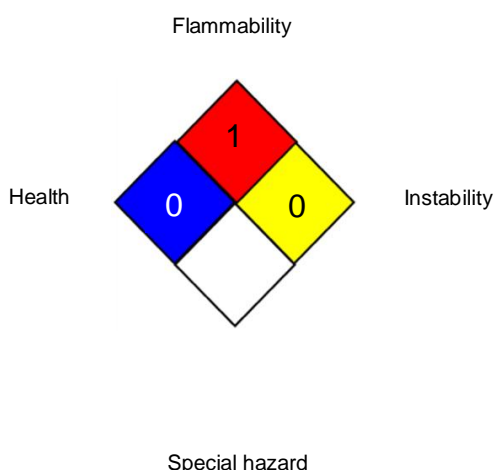
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System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### NFPA 704:



#### HMIS® IV:

HEALTH	/	0
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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