

COLGATE TOOTHPASTE

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: 660000002948

Revision Date: 06/29/2016

SECTION 1. IDENTIFICATION

Product name : COLGATE TOOTHPASTE

Product code : 100000152197

Material : B05470960001

Manufacturer or supplier's detailsCompany name of supplier : 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.

Global-CHEMTREC- +1 703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : A formulated dentifrice.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin irritation : Category 2

Eye irritation : Category 2A

Skin sensitisation : Category 1

GHS label elements

Hazard pictograms :



Signal word : Warning

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- Hazard statements** : H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
- Precautionary statements** : **Prevention:**
P201 Obtain special instructions before use.
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 protective gloves/ protective clothing/ eye protection/ face protection.
- 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.
P362 Take off contaminated clothing and wash 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)
GLYCERIN	56-81-5	>= 30 - < 50
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or silicates	>= 20 - < 30
PROPYLENE GLYCOL	57-55-6	>= 1 - < 5
POLYETHYLENE GLYCOL	25322-68-3	>= 1 - < 5
SODIUM LAURYL SULFATE	151-21-3	>= 1 - < 5
ZINC OXIDE	1314-13-2	>= 1 - < 5
TRISODIUM ORTHOPHOSPHATE	10101-89-0	>= 1 - < 5

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DODECAHYDRATE		
TITANIUM DIOXIDE (C.I. 77891)	13463-67-7	$\geq 0.1 - < 1$
STANNOUS FLUORIDE	7783-47-3	$\geq 0.1 - < 1$
DISODIUM PYROPHOSPHATE	7758-16-9	$\geq 0.1 - < 1$
ANETHOLE	104-46-1	$\geq 0.1 - < 1$

SECTION 4. FIRST AID MEASURES

General advice	: No hazards which require special first aid measures.
If inhaled	: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	: No hazardous combustion products are known
Further information	: Standard procedure for chemical fires.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions	: No special environmental precautions required.
Methods and materials for containment and cleaning up	: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

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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.
No special handling advice required.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
- Materials to avoid : No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
GLYCERIN	56-81-5	TWA (mist, respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (mist, total dust)	15 mg/m ³	OSHA Z-1
		TWA (Mist - total dust)	10 mg/m ³	OSHA P0
		TWA (Mist - respirable fraction)	5 mg/m ³	OSHA P0
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or silicates	TWA	6 mg/m ³	OSHA P0
		TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m ³ / %SiO ₂ (Silica)	OSHA Z-3
PROPYLENE GLYCOL	57-55-6	TWA	10 mg/m ³	US WEEL
POLYETHYLENE GLYCOL	25322-68-3	TWA (aerosol)	10 mg/m ³	US WEEL
ZINC OXIDE	1314-13-2	TWA (Respirable fraction)	2 mg/m ³	ACGIH
		STEL (Respirable fraction)	10 mg/m ³	ACGIH
		TWA (Dust)	5 mg/m ³	NIOSH REL

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		TWA (Fumes)	5 mg/m3	NIOSH REL
		ST (Fumes)	10 mg/m3	NIOSH REL
		C (Dust)	15 mg/m3	NIOSH REL
		TWA (Fumes)	5 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Fumes)	5 mg/m3	OSHA P0
		STEL (Fumes)	10 mg/m3	OSHA P0
TRISODIUM ORTHOPHOSPHATE DODECAHYDRATE	10101-89-0	STEL	5 mg/m3	US WEEL
TITANIUM DIOXIDE (C.I. 77891)	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

Hazardous components without workplace control parameters

Components	CAS-No.
SODIUM LAURYL SULFATE	151-21-3
DISODIUM PYROPHOSPHATE	7758-16-9
ANETHOLE	104-46-1

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Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
STANNOUS FLUORIDE	7783-47-3	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

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

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

pH : 7.5

Flash point : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

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

Possibility of hazardous reactions : No hazards to be specially mentioned.

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Conditions to avoid : No data available

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: 110.07 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:

GLYCERIN:

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.

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

PROPYLENE GLYCOL:

Acute oral toxicity : LD50 (Rat): 22,000 mg/kg

Acute inhalation toxicity : LC50 (Rabbit): > 317,042 mg/l
Exposure time: 2 h
Test atmosphere: No information available.
Method: No information available.

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

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POLYETHYLENE GLYCOL:

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

ZINC OXIDE:

- Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401
- Acute inhalation toxicity : LC50 (Rabbit): > 5.7 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
- Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402

TRISODIUM ORTHOPHOSPHATE DODECAHYDRATE:

- Acute oral toxicity : LD50 (Rat): 7,400 mg/kg
Method: No information available.
- Acute inhalation toxicity : Remarks: No data available
- Acute dermal toxicity : Remarks: No data available

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.

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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

DISODIUM PYROPHOSPHATE:

Acute oral toxicity : LD50 (Mouse): 2,650 mg/kg
Method: No information available.

Acute inhalation toxicity : LC50 (Rabbit): > 0.58 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OPPTS 870.1300

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

ANETHOLE:

Acute oral toxicity : LD50 (Rat): 2,090 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Components:**GLYCERIN:**

Result: No skin irritation

SYNTHETIC AMORPHOUS SILICA PRECIPITATED:

Remarks: No data available

PROPYLENE GLYCOL:

Result: No skin irritation

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POLYETHYLENE GLYCOL:

Result: No skin irritation

SODIUM LAURYL SULFATE:

Result: Severe skin irritation

ZINC OXIDE:

Result: No skin irritation

TRISODIUM ORTHOPHOSPHATE DODECAHYDRATE:

Remarks: No data available

TITANIUM DIOXIDE (C.I. 77891):

Result: No skin irritation

STANNOUS FLUORIDE:

Remarks: No data available

DISODIUM PYROPHOSPHATE:

Result: Mild skin irritation

ANETHOLE:

Result: Irritating to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Components:**GLYCERIN:**

Remarks: No data available

SYNTHETIC AMORPHOUS SILICA PRECIPITATED:

Result: Eye irritation

PROPYLENE GLYCOL:

Result: No eye irritation

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POLYETHYLENE GLYCOL:

Result: No eye irritation

SODIUM LAURYL SULFATE:

Result: Irreversible effects on the eye

ZINC OXIDE:

Result: No eye irritation

TRISODIUM ORTHOPHOSPHATE DODECAHYDRATE:

Remarks: No data available

TITANIUM DIOXIDE (C.I. 77891):

Result: No eye irritation

STANNOUS FLUORIDE:

Result: Irritation to eyes, reversing within 21 days

DISODIUM PYROPHOSPHATE:

Result: Irritation to eyes, reversing within 21 days

ANETHOLE:

Remarks: No data available

Respiratory or skin sensitisation**Skin sensitisation**

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks: No data available

Components:**GLYCERIN:**

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

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SYNTHETIC AMORPHOUS SILICA PRECIPITATED:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Remarks: No data available

PROPYLENE GLYCOL:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

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.

ZINC OXIDE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

TRISODIUM ORTHOPHOSPHATE DODECAHYDRATE:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Remarks: No data available

TITANIUM DIOXIDE (C.I. 77891):

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

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Result: Does not cause skin sensitisation.

STANNOUS FLUORIDE:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Remarks: No data available

DISODIUM PYROPHOSPHATE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

ANETHOLE:

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

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.

TITANIUM DIOXIDE (C.I. 13463-67-7
77891)

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

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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.

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).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated.

TDG : Not regulated.

IATA : Not regulated.

IMDG : Not regulated.

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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)	Calculated product RQ (lbs)
PENTASODIUM TRIPHOSPHATE	7758-29-4	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

ZINC OXIDE	1314-13-2	1 %
ZINC CITRATE	546-46-3	0.4975 %

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).

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):

GLYCERIN	56-81-5	40.5068 %
PROPYLENE GLYCOL	57-55-6	3.98 %
POLYETHYLENE	25322-68-3	2.985 %
GLYCOL		

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Clean Water Act

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

PENTASODIUM	7758-29-4	2.76 %
TRIPHOSPHATE		
TRISODIUM	10101-89-0	1 %
ORTHOPHOSPHATE		
DODECAHYDRATE		
PHOSPHORIC ACID	7664-38-2	0.4675 %

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

TRISODIUM	10101-89-0	1 %
ORTHOPHOSPHATE		
DODECAHYDRATE		
PHOSPHORIC ACID	7664-38-2	0.4675 %

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

ZINC OXIDE	1314-13-2	1 %
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US State Regulations

Massachusetts Right To Know

GLYCERIN	56-81-5	30 - 50 %
SYNTHETIC AMORPHOUS SILICA	amorphous	20 - 30 %
PRECIPITATED	silica or silicates	
PENTASODIUM TRIPHOSPHATE	7758-29-4	1 - 5 %
ZINC OXIDE	1314-13-2	1 - 5 %
TRISODIUM ORTHOPHOSPHATE	10101-89-0	1 - 5 %
DODECAHYDRATE		
CHONDRUS CRISPUS (CARRAGEENAN)	9000-07-1	0.1 - 1 %

Pennsylvania Right To Know

GLYCERIN	56-81-5	30 - 50 %
SYNTHETIC AMORPHOUS SILICA	amorphous	20 - 30 %
PRECIPITATED	silica or silicates	
WATER	7732-18-5	10 - 20 %
PROPYLENE GLYCOL	57-55-6	1 - 5 %
PENTASODIUM TRIPHOSPHATE	7758-29-4	1 - 5 %
ZINC OXIDE	1314-13-2	1 - 5 %
TRISODIUM ORTHOPHOSPHATE	10101-89-0	1 - 5 %
DODECAHYDRATE		
SODIUM SULFATE	7757-82-6	0.1 - 1 %
PHOSPHORIC ACID	7664-38-2	0.1 - 1 %
CHONDRUS CRISPUS (CARRAGEENAN)	9000-07-1	0.1 - 1 %

New Jersey Right To Know

GLYCERIN	56-81-5	30 - 50 %
SYNTHETIC AMORPHOUS SILICA	amorphous	20 - 30 %
PRECIPITATED	silica or silicates	
WATER	7732-18-5	10 - 20 %

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PROPYLENE GLYCOL	57-55-6	1 - 5 %
POLYETHYLENE GLYCOL	25322-68-3	1 - 5 %
ZINC OXIDE	1314-13-2	1 - 5 %
TRISODIUM ORTHOPHOSPHATE	10101-89-0	1 - 5 %
DODECAHYDRATE		

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

AICS - Australian Inventory of Chemical Substances; 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 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; 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

COLGATE TOOTHPASTE

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.

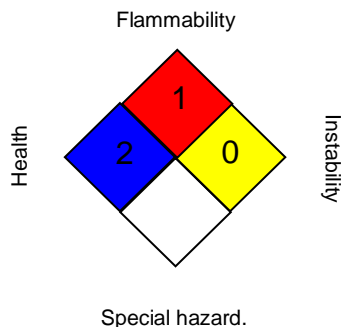
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Further information

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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