



COLGATE ENAMEL HEALTH MULTI PROTECTION TOOTHPASTE MINT

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 1.1

SDS Number: 660000000120

Revision Date: 05/06/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : COLGATE ENAMEL HEALTH MULTI PROTECTION TOOTHPASTE MINT

Product code : 200000045707

: B05455550002

Manufacturer or supplier's details

Company : 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.

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

Emergency Overview

Appearance	paste
Colour	green

GHS Classification

Eye irritation : Category 2A

Skin sensitisation : Category 1

GHS Label element

Hazard pictograms





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Signal word	: Warning
Hazard statements	: H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
Precautionary statements	: Prevention: 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. 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. 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. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Inhalation	: No adverse effects due to inhalation are expected.
Skin	: May cause skin irritation upon prolonged contact.
Eyes	: May cause eye irritation.
Ingestion	: May be harmful if swallowed in large quantities.
Aggravated Medical Condition	: None known.

Carcinogenicity:

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
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.

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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.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or silicates	≥ 10 - < 20
POTASSIUM NITRATE	7757-79-1	≥ 1 - < 5
GLYCERIN	56-81-5	≥ 1 - < 5
POLYETHYLENE GLYCOL	25322-68-3	≥ 1 - < 5
TETRASODIUM PYROPHOSPHATE	7722-88-5	≥ 1 - < 5
SODIUM LAURYL SULFATE	151-21-3	≥ 1 - < 5
PEPPERMINT (MENTHA PIPERITA) OIL	PEPPERMINT	≥ 0.1 - < 1
SODIUM FLUORIDE	7681-49-4	≥ 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.
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.

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

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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).

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 ³	OSHA P0
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
POLYETHYLENE GLYCOL	25322-68-3	TWA (aerosol)	10 mg/m ³	US WEEL
TETRASODIUM PYROPHOSPHATE	7722-88-5	TWA	5 mg/m ³	NIOSH REL
		TWA	5 mg/m ³	OSHA P0

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
SODIUM FLUORIDE	7681-49-4	CUST-TD-95246	Urine	Prior to shift (16 hours after exposure ceases)	2 mg/l	ACGIH BEI
		CUST-TD-95246	Urine	End of shift (As)	3 mg/l	ACGIH BEI



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				soon as possible after exposure ceases)		
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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 : green

pH : 7.6

Flash point : > 200 °F

Density : No data available

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.



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Revision Date: 05/06/2015

Product:

Acute oral toxicity : Acute toxicity estimate : 4,164 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : 7.22 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

POTASSIUM NITRATE:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 425

Acute inhalation toxicity : LC50 (Rabbit): > 0.527 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

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

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.

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

TETRASODIUM PYROPHOSPHATE:

Acute oral toxicity : LD50 (Rat): 300 - 2,000 mg/kg
Method: OECD Test Guideline 420

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



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Version 1.1

SDS Number: 660000000120

Revision Date: 05/06/2015

Method: OECD Test Guideline 403

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

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

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

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

Skin corrosion/irritation

Not classified based on available information.

Components:

SYNTHETIC AMORPHOUS SILICA PRECIPITATED:

Remarks: No data available

POTASSIUM NITRATE:

Result: No skin irritation

GLYCERIN:

Result: No skin irritation

POLYETHYLENE GLYCOL:

Result: No skin irritation

TETRASODIUM PYROPHOSPHATE:

Result: No skin irritation

SODIUM LAURYL SULFATE:

Result: Severe skin irritation



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Revision Date: 05/06/2015

PEPPERMINT (MENTHA PIPERITA) OIL:

Result: Severe skin irritation

SODIUM FLUORIDE:

Result: Severe skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

SYNTHETIC AMORPHOUS SILICA PRECIPITATED:

Result: Eye irritation

POTASSIUM NITRATE:

Result: No eye irritation

GLYCERIN:

Remarks: No data available

POLYETHYLENE GLYCOL:

Result: No eye irritation

TETRASODIUM PYROPHOSPHATE:

Result: Irritation to eyes, reversing within 21 days

SODIUM LAURYL SULFATE:

Result: Irreversible effects on the eye

PEPPERMINT (MENTHA PIPERITA) OIL:

Result: Irritation to eyes, reversing within 21 days

SODIUM FLUORIDE:

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

Remarks: No data available

Exposure routes: Dermal

Remarks: No data available

POTASSIUM NITRATE:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal



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Revision Date: 05/06/2015

Result: Does not cause skin sensitisation.

GLYCERIN:

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.

TETRASODIUM PYROPHOSPHATE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

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.

PEPPERMINT (MENTHA PIPERITA) OIL:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: May cause sensitisation by skin contact.

SODIUM FLUORIDE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

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 : 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.

SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated.

TDG : Not regulated.

IATA : Not regulated.

IMDG : Not regulated.



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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)
Sodium Saccharin - Dihydrate	6155-57-3	100	*

*: 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 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:

POTASSIUM NITRATE 7757-79-1

Zinc Phosphate Tetrahydrate 7543-51-3

Clean Air Act

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):

GLYCERIN 56-81-5
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:

SODIUM FLUORIDE 7681-49-4

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



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Revision Date: 05/06/2015

Zinc Phosphate Tetra- 7543-51-3
hydrate

Massachusetts Right To Know

SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or sili- cates
POTASSIUM NITRATE	7757-79-1
GLYCERIN	56-81-5
TETRASODIUM PYROPHOSPHATE	7722-88-5

Pennsylvania Right To Know

WATER	Water
D-SORBITOL	50-70-4
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or sili- cates
HYDROGENATED STARCH	Not Assigned
HYDROLYSATE / POLYHYDRIC ALCOHOL	
POTASSIUM NITRATE	7757-79-1
GLYCERIN	56-81-5
TETRASODIUM PYROPHOSPHATE	7722-88-5
SODIUM SULFATE	7757-82-6
SODIUM FLUORIDE	7681-49-4

New Jersey Right To Know

WATER	Water
D-SORBITOL	50-70-4
SYNTHETIC AMORPHOUS SILICA PRECIPITATED	amorphous silica or sili- cates
HYDROGENATED STARCH	Not Assigned
HYDROLYSATE / POLYHYDRIC ALCOHOL	
POTASSIUM NITRATE	7757-79-1
GLYCERIN	56-81-5
TETRASODIUM PYROPHOSPHATE	7722-88-5
Zinc Phosphate Tetrahydrate	7543-51-3
SODIUM FLUORIDE	7681-49-4

California Prop 65

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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Version 1.1

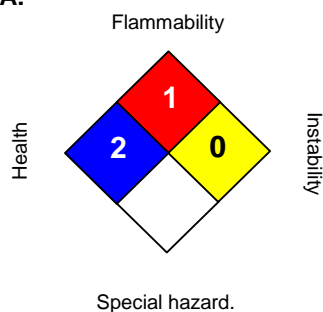
SDS Number: 660000000120

Revision Date: 05/06/2015

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

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

Disclaimer: The information on this sheet is limited to the material identified and is believed by the Colgate-Palmolive Company to be correct based on its knowledge and information as of the date noted. Colgate makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.