COLGATE-PALMOLIVE COMPANY
SAFETY DATA SHEET

Colgate Total Clean Mint (SNaP)

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	Revision Date:	SDS Number:	Date of last issue: 02.07.2024
1.1	05.07.2024	660000020654	Date of first issue: 02.07.2024

Section 1: Identification

Product name : Colgate Total Clean Mint (SNaP)

Product code : B05416580000
: 200000071915

Manufacturer or supplier's details

Address : Colgate-Palmolive Ltd
105 Carlton Gore Rd
Newmarket
Auckland 1023, New Zealand

Telephone : CONSUMER AFFAIRS: - NZ 0800 441 740 (Mon – Fri 9 - 7)

Emergency telephone number : CHEMTREC New Zealand +(64)-98010034
Global-CHEMTREC- +1 703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : Dentifrice.

Section 2: Hazard identification

GHS Classification

Serious eye damage/eye irritation : Category 2

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Components

Chemical name	CAS-No.	Concentration (% w/w)
Hydrated Silica	112926-00-8	>= 20 -< 30
Glycerin	56-81-5	>= 5 -< 10
SODIUM LAURYL SULFATE	151-21-3	>= 1 -< 3
TETRASODIUM PYROPHOSPHATE	7722-88-5	>= 1 -< 3
STANNOUS FLUORIDE	7783-47-3	>= 0.1 -< 1

Section 4: First-aid measures

If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. 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	:	Causes serious eye irritation.
Notes to physician	:	Treat symptomatically.

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Section 5: Fire-fighting measures

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	No hazardous combustion products are known
Specific extinguishing methods	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). 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	:	Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Hygiene measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.
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	WES-TWA	10 mg/m3	NZ OEL
Glycerin	56-81-5	WES-TWA (Mist)	10 mg/m3	NZ OEL
TETRASODIUM PYROPHOSPHATE	7722-88-5	WES-TWA	5 mg/m3	NZ OEL
STANNOUS FLUORIDE	7783-47-3	WES-TWA	2 mg/m3 (Tin)	NZ OEL
		WES-TWA	2.5 mg/m3 (Fluorine)	NZ OEL
	Further information: Exposure can also be estimated by biological monitoring			
		TWA	2.5 mg/m3 (Fluorine)	ACGIH
		TWA	2 mg/m3 (Tin)	ACGIH
		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	2 mg/l	NZ BEI
		Fluoride (Fluorine)	Urine	End of shift	3 mg/l	NZ BEI
		Fluoride (Fluorine)	Urine	Prior to shift (16 hours after exposure ceases)	2 mg/l	ACGIH BEI
		Fluoride	Urine	End of	3 mg/l	ACGIH

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		(Fluorine)		shift (As soon as possible after exposure ceases)		BEI

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Section 9: Physical and chemical properties

Appearance : paste

Colour : white

Odour : No data available

pH : 6.80

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

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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		
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.
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: > 2,000 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 2,000 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 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

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

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

Skin corrosion/irritation

Not classified based on available information.

Components:

Hydrated Silica:

Remarks : No data available

Glycerin:

Result : No skin irritation

SODIUM LAURYL SULFATE:

Species : Rabbit
Exposure time : 24 h
Assessment : irritating
Method : OECD Test Guideline 404
Result : irritating

TETRASODIUM PYROPHOSPHATE:

Result : No skin irritation

Remarks : May cause skin irritation in susceptible persons.

STANNOUS FLUORIDE:

Remarks : No data available

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

Hydrated Silica:

Remarks : No data available

Glycerin:

Result : No eye irritation

SODIUM LAURYL SULFATE:

Result : Irreversible effects on the eye

Remarks : May cause irreversible eye damage.

TETRASODIUM PYROPHOSPHATE:

Result : Irritation to eyes, reversing within 21 days

Remarks : May cause irreversible eye damage.

STANNOUS FLUORIDE:

Result : Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

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 LAURYL SULFATE:

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.

STANNOUS FLUORIDE:

Exposure routes	:	Inhalation
Remarks	:	No data available
Exposure routes	:	Dermal
Remarks	:	No data available

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

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Components:

SODIUM LAURYL SULFATE:

Genotoxicity in vitro : Test Type: reverse mutation assay
Test system: Escherichia coli
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Genotoxicity in vivo : Test Type: dominant lethal test
Species: Mouse (male and female)
Application Route: Oral
Method: OECD Test Guideline 478
Result: negative

Carcinogenicity

Not classified based on available information.

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.

Repeated dose toxicity

Components:

SODIUM LAURYL SULFATE:

Species : Rat
: 488 mg/kg
Application Route : Oral

Species : Mouse
: 488 mg/kg
Application Route : Dermal

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 formu-

las and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 2 of the SDS.

Section 12: Ecological information

Ecotoxicity

Components:

Hydrated Silica:

Toxicity to fish	:	LC50 (Cyprinus carpio (Carp)): > 10,000 mg/l Exposure time: 72 h
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data available
Toxicity to algae/aquatic plants	:	Remarks: No data available
Toxicity to fish (Chronic toxicity)	:	No data available:
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	No data available:

Glycerin:

Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): > 10,000 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	Remarks: No data available

SODIUM LAURYL SULFATE:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 4.62 mg/l Exposure time: 96 h Method: static test Remarks: mortality
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 3.15 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	LC50 (Chlamydomonas reinhardtii (green algae)): 18.8 mg/l Exposure time: 72 h

TETRASODIUM PYROPHOSPHATE:

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Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity)	:	No data available:
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	No data available:

STANNOUS FLUORIDE:

Toxicity to fish	:	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data available
Toxicity to algae/aquatic plants	:	Remarks: No data available
Toxicity to fish (Chronic toxicity)	:	No data available:
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	No data available:

Persistence and degradability

Components:

Hydrated Silica:

Biodegradability	:	Remarks: Not applicable

Glycerin:

Biodegradability	:	Result: Readily biodegradable.

SODIUM LAURYL SULFATE:

Biodegradability	:	Result: Readily biodegradable.

TETRASODIUM PYROPHOSPHATE:

Biodegradability	:	Remarks: Not applicable

STANNOUS FLUORIDE:

Biodegradability : Remarks: Not applicable

Bioaccumulative potential

Components:

Hydrated Silica:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: 0.53

Glycerin:

Bioaccumulation : Remarks: No data available

TETRASODIUM PYROPHOSPHATE:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : Remarks: No data available

STANNOUS FLUORIDE:

Bioaccumulation : Bioconcentration factor (BCF): 3.16

Partition coefficient: n-octanol/water : Remarks: Not applicable

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : No data available

Components:

TETRASODIUM PYROPHOSPHATE:

Additional ecological information : No data available

Section 13: Disposal considerations

Disposal methods

Waste from residues : Do not dispose of waste into sewer.

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Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

Section 14: Transport information

ADG (Australian Dangerous Goods) 7.6 :

Not regulated

NZS (New Zealand's Standards) 5433 :

Not regulated

IATA :

Not regulated

IMDG :

Not regulated

IMDG EmS Number : Not applicable.

ADR :

Not regulated

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

HSNO Approval Number

HSR002552
Cosmetic Products Group Standard 2020

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Tolerable Exposure Limits (TEL)
Not applicable

Environmental Exposure Limits (EEL)
Not applicable

The components of this product are reported in the following inventories:

AIIC	:	On the inventory, or in compliance with the inventory
NZIoC	:	On the inventory, or in compliance with the inventory

Section 16: Other information

Revision Date	:	05.07.2024
Date format	:	dd.mm.yyyy

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	:	ACGIH - Biological Exposure Indices (BEI)
NZ BEI	:	New Zealand. Biological Exposure Indices
NZ OEL	:	New Zealand. Workplace Exposure Standards for Atmospheric Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
NZ OEL / WES-TWA	:	Workplace Exposure Standard - Time Weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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 Substanc-

es; (Q)SAR - (Quantitative) Structure Activity Relationship; 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; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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; WHMIS - Workplace Hazardous Materials Information System

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.

NZ / EN