

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: NEUTRAFLUOR 5000 PLUS FRESHMINT PROFESSIONAL TOOTHPASTE

Manufacturer: Colgate-Palmolive Ltd.

SDS Expiry: 10 February 2025

Supplier Details: Henry Schein New Zealand
243-249 Bush Road, Rosedale, Auckland, 0632
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
www.henryschein.co.nz

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 6

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020
HSR002558

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – June 2023

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

COLGATE NEUTRAFLUOR 5000 PLUS FRESHMINT PROFESSIONAL TOOTHPASTE

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Section 1: Identification

Product name : COLGATE NEUTRAFLUOR 5000 PLUS FRESHMINT
PROFESSIONAL TOOTHPASTE

Product code : B06710240000
: 200000050910

Manufacturer or supplier's details

Address : Colgate-Palmolive Ltd.
Level 4, 45 Knights Road, Lower Hutt
P.O.Box 38077, Wellington Mail centre
Wellington, 5045, New Zealand.

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

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

Recommended use of the chemical and restrictions on use

Recommended use : Dentifrice.

Section 2: Hazard identification

GHS Classification

Serious eye damage/eye irritation : Category 2A

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.

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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)
amorphous silica or silicates	112926-00-8	>= 10 -< 20
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	>= 1 -< 3
SODIUM LAURYL SULFATE	151-21-3	>= 1 -< 3
Sodium Fluoride	7681-49-4	>= 1 -< 3
L-Carvone	6485-40-1	>= 0.1 -< 1
CARVONE	99-49-0	>= 0.1 -< 1
ANETHOLE	104-46-1	>= 0.1 -< 1

Section 4: First-aid measures

- General advice : If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given.
- 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.

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If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.

Section 5: Fire-fighting measures

Unsuitable extinguishing media : High volume water jet

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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.

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.

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When using do not smoke.
Wash hands before breaks and at the end of workday.

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.
Store below 25°C

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
amorphous silica or silicates	112926-00-8	WES-TWA	10 mg/m ³	NZ OEL
Sodium Fluoride	7681-49-4	WES-TWA	2.5 mg/m ³ (Fluorine)	NZ OEL
Further information: Exposure can also be estimated by biological monitoring				
		TWA	2.5 mg/m ³ (Fluorine)	ACGIH

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Sodium Fluoride	7681-49-4	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 (Fluorine)	Urine	End of shift (As soon as possible after exposure ceases)	3 mg/l	ACGIH BEI

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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 : blue

pH : 8.0

Flash point : 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 : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

Section 11: Toxicological information

Acute toxicity

Not classified based on available information.

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Product:

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

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

Components:

amorphous silica or silicates:

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

TETRAPOTASSIUM PYROPHOSPHATE:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

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

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

L-Carvone:

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

Acute inhalation toxicity : Remarks: No data available

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Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Method: No information available.

CARVONE:

Acute oral toxicity : LD50 (Rat): 1,640 mg/kg
Method: Directive 67/548/EEC, Annex V, B.1.

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rat): 2,000 - 5,000 mg/kg
Method: No information available.

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

Not classified based on available information.

Components:

amorphous silica or silicates:

Remarks : No data available

TETRAPOTASSIUM PYROPHOSPHATE:

Result : Severe skin irritation

SODIUM LAURYL SULFATE:

Result : Severe skin irritation

Remarks : Extremely corrosive and destructive to tissue.

Sodium Fluoride:

Result : Severe skin irritation

Remarks : May cause skin irritation in susceptible persons.

L-Carvone:

Remarks : No data available

Remarks : May cause skin irritation and/or dermatitis.

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CARVONE:

Result : No skin irritation

Remarks : May cause skin irritation and/or dermatitis.

ANETHOLE:

Result : Irritating to skin.

Remarks : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

amorphous silica or silicates:

Remarks : No data available

TETRAPOTASSIUM PYROPHOSPHATE:

Result : Irritation to eyes, reversing within 21 days

SODIUM LAURYL SULFATE:

Result : Irreversible effects on the eye

Remarks : May cause irreversible eye damage.

Sodium Fluoride:

Result : Irritation to eyes, reversing within 21 days

Remarks : May cause irreversible eye damage.

L-Carvone:

Result : No eye irritation

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

CARVONE:

Result : No eye irritation

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

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ANETHOLE:

Remarks : No data available

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

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

amorphous silica or silicates:

Exposure routes : Inhalation
Remarks : No data available

Remarks : Dermal
: No data available

TETRAPOTASSIUM PYROPHOSPHATE:

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

: Dermal
: Does not cause skin sensitisation.

SODIUM LAURYL SULFATE:

Exposure routes : Inhalation
Remarks : No data available

Result : Dermal
: Does not cause skin sensitisation.

Sodium Fluoride:

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

: Dermal
: Does not cause skin sensitisation.

L-Carvone:

Exposure routes : Inhalation
Remarks : No data available

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Result : Dermal
: May cause sensitisation by skin contact.

Remarks : Causes sensitisation.

CARVONE:

Exposure routes : Inhalation
Remarks : No data available

Result : Dermal
: May cause sensitisation by skin contact.

Remarks : Causes sensitisation.

ANETHOLE:

Exposure routes : Inhalation
Remarks : No data available

Result : Dermal
: May cause sensitisation by skin contact.

Remarks : Causes sensitisation.

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Components:

Sodium Fluoride:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

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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 2 of the SDS.

Section 12: Ecological information

Ecotoxicity

Components:

amorphous silica or silicates:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 10,000 mg/l
Exposure time: 72 h

Toxicity to daphnia and other : Remarks: No data available
aquatic invertebrates

Toxicity to algae/aquatic : Remarks: No data available
plants

Toxicity to fish (Chronic tox- : No data available:
icity)

Toxicity to daphnia and other : No data available:
aquatic invertebrates (Chron-
ic toxicity)

TETRAPOTASSIUM PYROPHOSPHATE:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
plants Exposure time: 72 h

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Toxicity to fish (Chronic toxicity) : No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : 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

Sodium Fluoride:

Toxicity to fish : LC50 (Cyprinodon variegatus (sheepshead minnow)): > 500 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Crangon crangon (shrimp)): > 300 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Selenastrum capricornutum (green algae)): 272 mg/l
Exposure time: 96 h

Toxicity to fish (Chronic toxicity) : No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

L-Carvone:

Toxicity to fish : LC50 (Fish): 6.1 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna Straus): 38 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50: 19 mg/l
Exposure time: 72 h

NOEC: 4.3 mg/l
Exposure time: 72 h

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CARVONE:

Toxicity to fish (Chronic toxicity) : No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

ANETHOLE:

Toxicity to daphnia and other aquatic invertebrates : (Daphnia magna (Water flea)): 5 mg/l
Exposure time: 48 h

Persistence and degradability

Components:

amorphous silica or silicates:

Biodegradability : Remarks: Not applicable

TETRAPOTASSIUM PYROPHOSPHATE:

Biodegradability : Remarks: Not applicable

SODIUM LAURYL SULFATE:

Biodegradability : Result: Readily biodegradable.

Sodium Fluoride:

Biodegradability : Remarks: Not applicable

L-Carvone:

Biodegradability : Remarks: Expected to be biodegradable

CARVONE:

Biodegradability : Result: Not readily biodegradable.

ANETHOLE:

Biodegradability : Result: Not readily biodegradable.

Bioaccumulative potential

Components:

amorphous silica or silicates:

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Bioaccumulation : Remarks: No data available

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

TETRAPOTASSIUM PYROPHOSPHATE:

Bioaccumulation : Remarks: No data available

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

Sodium Fluoride:

Bioaccumulation : Remarks: No data available

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

L-Carvone:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: 2.74

CARVONE:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: 3.07

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : No data available

Section 13: Disposal considerations

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

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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.

ADR :
Not regulated.

Section 15: Regulatory information

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

New Zealand Medicines and Medical Devices Safety Authority Number: TT50-5697/8

Section 16: Other information

Date format : dd.mm.yyyy

Full text of other abbreviations

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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

AICS - Australian Inventory of Chemical Substances; 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; KECl - 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 Substances; (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; 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.

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