

Colgate Anticavity Fluoride Toothpaste 0-2 years Natural Fruit Flavour

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| 1.1 | 19.09.2019 | 660000007815 | Date of first issue: 28.02.2019 |

Section 1: Identification

Product name : Colgate Anticavity Fluoride Toothpaste 0-2 years Natural Fruit Flavour

Product code : B05486890000
: 200000057964

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 : 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

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

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 |
| Sodium Fluoride | 7681-49-4 | >= 0.1 -< 1 |

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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 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.
-

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.
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.
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Section 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
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Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

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.

Hygiene measures : General industrial hygiene practice.

Conditions for safe storage : 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 |
|--|-------------|----------------------------------|--|--------|
| 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 |

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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 | 160 micromol per litre | NZ BEI |
| | | Fluoride (Fluorine) | Urine | Prior to shift | 3 mg/l | NZ BEI |
| | | Fluoride (Fluorine) | Urine | End of shift | 530 micromol per litre | NZ BEI |
| | | Fluoride (Fluorine) | Urine | End of shift | 10 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 |

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Section 9: Physical and chemical properties

Appearance : paste

Colour : colourless

pH : 7.2

Flash point : No data available

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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 | : | No data available |
| Hazardous decomposition products | : | 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 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 |

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 |



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Skin corrosion/irritation

Not classified based on available information.

Components:

amorphous silica or silicates:

Remarks : No data available

Sodium Fluoride:

Result : Severe skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

amorphous silica or silicates:

Remarks : No data available

Sodium 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:

amorphous silica or silicates:

Exposure routes : Inhalation
Remarks : No data available

Remarks : Dermal
: No data available

Sodium Fluoride:

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

: Dermal
: Does not cause skin sensitisation.

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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.

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

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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:

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:

Persistence and degradability

Components:

amorphous silica or silicates:

Biodegradability : Remarks: Not applicable

Sodium Fluoride:

Biodegradability : Remarks: Not applicable

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Bioaccumulative potential

Components:

amorphous silica or silicates:

Bioaccumulation : Remarks: No data available

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

Sodium Fluoride:

Bioaccumulation : Remarks: No data available

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

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : No data available

Section 13: Disposal considerations

Disposal methods

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

Section 14: Transport information

ADG (Australian Dangerous Goods) 7.6 :
Not regulated.

NZS (New Zealand's Standards) 5433 :
Not regulated.

IATA :

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Not regulated.

IMDG :

Not regulated.

ADR :

Not regulated.

Section 15: Regulatory information

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

HSNO Approval Number

Not applicable

HSW Controls

Certified handler certificate not required.

HSW tracking not required.

Refer to WORKSAFE user guide to the HSW regulations for further information.

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

AICS : On the inventory, or in compliance with the inventory

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

Section 16: Other information

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

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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; CPR - Controlled Products Regulations; 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 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.

NZ / EN