

## Colgate Sensitive Pro-Relief Multi Protection Toothpaste

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### Section 1: Identification

Product name : Colgate Sensitive Pro-Relief Multi Protection Toothpaste

Product code : B05443010002  
: 200000050427

#### 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.

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### 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.  
**Response:**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

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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)
SODIUM LAURYL SULFATE	151-21-3	>= 1 -< 3
SODIUM MONOFLUOROPHOSPHATE	7631-97-2	>= 1 -< 3

## 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.  
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 : High volume water jet

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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.

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.

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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 : 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.

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.

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### Section 8: Exposure controls/personal protection

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### 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.

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### Section 9: Physical and chemical properties

Appearance : paste

Colour : white

pH : 8.90

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 : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

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### 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: > 10 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:

##### **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 MONOFLUOROPHOSPHATE:**

- Acute oral toxicity : LD50 (Rat): 888 mg/kg  
Method: No information available.
- Acute inhalation toxicity : LC50 (Rabbit): 1.5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate
- Acute dermal toxicity : LD50 (Rabbit): 1,100 mg/kg  
Method: Acute toxicity estimate

#### **Skin corrosion/irritation**

Not classified based on available information.

#### Components:

##### **SODIUM LAURYL SULFATE:**

- Result : Severe skin irritation
- Remarks : Extremely corrosive and destructive to tissue.



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### **SODIUM MONOFLUOROPHOSPHATE:**

Result : Severe skin irritation

Remarks : May cause skin irritation in susceptible persons.

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

### **Components:**

#### **SODIUM LAURYL SULFATE:**

Result : Irreversible effects on the eye

Remarks : May cause irreversible eye damage.

#### **SODIUM MONOFLUOROPHOSPHATE:**

Result : Irritation to eyes, reversing within 21 days

Remarks : May cause irreversible eye damage.

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Components:**

#### **SODIUM LAURYL SULFATE:**

Exposure routes : Inhalation

Remarks : No data available

Result : Dermal

Result : Does not cause skin sensitisation.

#### **SODIUM MONOFLUOROPHOSPHATE:**

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Result : Dermal

Result : 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.

#### 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.

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## Section 12: Ecological information

### Ecotoxicity

#### Components:

#### **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 : LC50 (Daphnia magna (Water flea)): 3.15 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : LC50 (Chlamydomonas reinhardtii (green algae)): 18.8 mg/l  
plants Exposure time: 72 h

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### **SODIUM MONOFLUOROPHOSPHATE:**

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

### **Persistence and degradability**

#### **Components:**

### **SODIUM LAURYL SULFATE:**

Biodegradability : Result: Readily biodegradable.

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : No data available

#### **Components:**

### **SODIUM MONOFLUOROPHOSPHATE:**

Additional ecological information : No data available

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## **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.

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

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## **Section 14: Transport information**

**ADG (Australian Dangerous Goods) 7.6** :  
Not regulated.

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**NZS (New Zealand's Standards) :**  
**5433**

Not regulated.

**IATA :**

Not regulated.

**IMDG :**

Not regulated.

**ADR :**

Not regulated.

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### 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 : 140815-WAND-6I6K66

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### Section 16: Other information

Date format : dd.mm.yyyy

**Full text of other abbreviations**

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 Or-

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ganisation 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

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