

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.

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#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Colgate Total SNAP Deep Clean

Product code : B05417000000

200000072243

Manufacturer or supplier's details

Address : Colgate-Palmolive Pty Ltd., 420 George St, Sydney, New South

Wales, Australia 2000.

Telephone : CONSUMER AFFAIRS: - AU 1800 802 307 (Mon – Fri 7 - 5)

Emergency telephone number : CHEMTREC Australia +(61)-290372994

Global-CHEMTREC- +1 703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : Dentifrice.

#### **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Serious eye damage/eye irri-

tation

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/ at-



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tention.

#### 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
L-MENTHOL	2216-51-5	>= 1 -< 3
STANNOUS FLUORIDE	7783-47-3	>= 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.

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. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Unsuitable extinguishing

media

High volume water jet

ucts

Hazardous combustion prod- : No hazardous combustion products are known

Specific extinguishing meth- :

Standard procedure for chemical fires.

Special protective equipment:

for firefighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

tive equipment and emer-

gency procedures

Personal precautions, protec- : 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 ap-

plication area.

Dispose of rinse water in accordance with local and national

regulations.



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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 stor-

age 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	TWA	10 mg/m3	AU OEL
Glycerin	56-81-5	TWA (Mist)	10 mg/m3	AU OEL
TETRASODIUM PYROPHOSPHATE	7722-88-5	TWA	5 mg/m3	AU OEL
STANNOUS FLUORIDE	7783-47-3	TWA	2 mg/m3 (Tin)	AU OEL
		TWA	2.5 mg/m3 (Fluorine)	AU OEL
		TWA	2.5 mg/m3 (Fluorine)	ACGIH
		TWA	2 mg/m3 (Tin)	ACGIH
		TWA (Inhal- able particu- late matter)	2 mg/m3 (Tin)	ACGIH

### **Biological occupational exposure limits**

Components	CAS-No.	Control	Biological	Sam-	Permissible	Basis
		parameters	specimen	pling	concentra-	
				time	tion	
STANNOUS FLUORIDE	7783-47-3	Fluoride	Urine	Prior to	2 mg/l	ACGIH
		(Fluorine)		shift (16		BEI
				hours		
				after		
				exposure		
				ceases)		
		Fluoride	Urine	End of	3 mg/l	ACGIH
		(Fluorine)		shift (As		BEI
				soon as		
				possible		



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after exposure ceases)

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally re-

quired.

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, blue

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.

Possibility of hazardous reac-

tions

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



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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 inhala-

tion toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Method: OECD Test Guideline 402

L-MENTHOL:

Acute oral toxicity : LD50 (Rat): 3,400 mg/kg

Acute inhalation toxicity : Remarks: No data available

STANNOUS FLUORIDE:

Acute oral toxicity : LD50 (Rat): 200 - 300 mg/kg

Method: No information available.

Acute inhalation toxicity : Remarks: No data available



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Acute dermal toxicity : Remarks: No data available

Anethole:

Acute oral toxicity : LD50 (Rat): 3,000 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:** 

**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.

L-MENTHOL:

Result : May irritate skin.

**STANNOUS FLUORIDE:** 

Remarks : No data available

Anethole:

Result : Mild skin irritation

Remarks : May cause skin irritation and/or dermatitis.



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### 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.

L-MENTHOL:

Remarks : May cause irreversible eye damage.

**STANNOUS FLUORIDE:** 

Result : Irritation to eyes, reversing within 21 days

Anethole:

Result : No eye irritation

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:** 

**Hydrated Silica:** 

Exposure routes : Inhalation

Remarks : No data available



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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.

L-MENTHOL:

Exposure routes : Inhalation

Remarks : No data available

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

Anethole:

Exposure routes : Inhalation

Remarks : No data available

Exposure routes : Dermal

Result : The product is a skin sensitiser, sub-category 1B.



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Remarks : Causes sensitisation.

### **Chronic toxicity**

#### Germ cell mutagenicity

Not classified based on available information.

#### **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.



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#### **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 com-

ponent 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 tox-

No data available:

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic 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



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> 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:** 

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 tox-

No data available:

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

ic toxicity)

No data available:

L-MENTHOL:

Toxicity to fish LC50: 10 mg/l

Toxicity to fish (Chronic tox-

icity)

No data available:

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic 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 tox-

icity)

No data available:



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Toxicity to daphnia and other : No data available:

aquatic invertebrates (Chron-

ic toxicity)

Anethole:

Toxicity to fish : LC50 (Fish): 5 mg/l

Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

NOEC (Fish): > 2 mg/l

Test substance: 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

L-MENTHOL:

Biodegradability Result: Readily biodegradable.

**STANNOUS FLUORIDE:** 

Biodegradability : Remarks: Not applicable

Anethole:

Biodegradability Result: Readily biodegradable.

Bioaccumulative potential

**Components:** 

**Hydrated Silica:** 

Bioaccumulation : Remarks: No data available



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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

L-MENTHOL:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-

octanol/water

log Pow: 3.13

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

**Components:** 

**TETRASODIUM PYROPHOSPHATE:** 

Additional ecological infor-

mation

: 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 chemi-

cal or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product.



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Do not re-use empty containers.

#### **SECTION 14. TRANSPORT INFORMATION**

ADG (Australian Dangerous

Goods) 7.8

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 mix-

Therapeutic Goods (Poisons : No poison schedule number allocated

Standard) Instrument

Prohibition/Licensing Requirements : There is no applicable prohibition,

authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regula-

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#### 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**

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Date format : dd.mm.yyyy

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)

AU OEL : Australia. Workplace Exposure Standards for Airborne Con-

taminants.

ACGIH / TWA : 8-hour, time-weighted average

AU OEL / TWA : 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 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; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recom-



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mendations 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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