

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: -

1.0 10/27/2017 660000004934 Date of first issue: 2017/10/27

### **SECTION 1. IDENTIFICATION**

Product name : COLGATE SWARNA VEDSHAKTI TOOTHPASTE

NATURALS B05474270000

Product code : 200000054012

Manufacturer or supplier's details

Company name of supplier : Colgate-Palmolive Co

300 Park Avenue New York, NY 10022

Telephone : US: Consumer Affairs - 1-800-468-6502

Emergency telephone num-

ber

For emergencies involving spill, leak, fire, exposure or acci-

dent call CHEMTREC (24hr) at (800) 424-9300 or

(703) 527-3887.

Global-CHEMTREC- +1 703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : A formulated dentifrice.

# **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with 29 CFR 1910.1200

Eye irritation : Category 2A

Skin sensitisation : Category 1

**GHS** label elements

Hazard pictograms



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.



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Precautionary statements

### Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of

the workplace.

P280 Wear protective gloves/ eye protection/ face protection.

# Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/

attention.

P337 + P313 If eye irritation persists: Get medical advice/ atten-

tion.

P363 Wash contaminated clothing before reuse.

## Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards

None known.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

### **Hazardous components**

| Chemical name                 | CAS-No.     | Concentration (% w/w) |
|-------------------------------|-------------|-----------------------|
| CALCIUM CARBONATE             | 471-34-1    | >= 30 - < 50          |
| SODIUM LAURYL SULFATE         | 151-21-3    | >= 1 - < 3            |
| amorphous silica or silicates | 112926-00-8 | >= 1 - < 5            |
| ZINC OXIDE                    | 1314-13-2   | >= 1 - < 5            |
| EUGENOL                       | 97-53-0     | >= 0.1 - < 1          |
| SODIUM SILICATE               | 1344-09-8   | >= 0.1 - < 1          |

### **SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

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.



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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.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Most important symptoms and effects, both acute and

delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

### **SECTION 5. FIREFIGHTING MEASURES**

Unsuitable extinguishing

media

High volume water jet

Specific hazards during fire-

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion prod: :

ucts

No hazardous combustion products are known

Further information : Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment:

for firefighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

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

Personal precautions, protec- :

tive equipment and emergency procedures

Use personal protective equipment.

Avoid dust formation. Avoid breathing dust.

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.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

#### **SECTION 7. HANDLING AND STORAGE**

Advice on protection against : Avoid dust formation. Provide appropriate exhaust ventilation



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fire and explosion at places where dust is formed.

Advice on safe handling : Avoid formation of respirable particles.

Do not breathe vapours/dust.

Avoid exposure - obtain special instructions before use.

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.

Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Electrical installations / working materials must comply with

the technological safety standards.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

| Components                    | CAS-No.     | Value type<br>(Form of<br>exposure) | Control parameters / Permissible concentration       | Basis     |
|-------------------------------|-------------|-------------------------------------|--|-----------|
| amorphous silica or silicates | 112926-00-8 | TWA                                 | 6 mg/m3  | OSHA P0   |
|                               |             | TWA (Dust)                          | 20 Million parti-<br>cles per cubic foot<br>(Silica) | OSHA Z-3  |
|                               |             | TWA (Dust)                          | 80 mg/m3 /<br>%SiO2<br>(Silica)                      | OSHA Z-3  |
| ZINC OXIDE                    | 1314-13-2   | TWA (Respirable fraction)           | 2 mg/m3  | ACGIH     |
|                               |             | STEL (Respirable fraction)          | 10 mg/m3   | ACGIH     |
|                               |             | TWA (Dust)                          | 5 mg/m3  | NIOSH REL |
|                               |             | TWA<br>(Fumes)                      | 5 mg/m3  | NIOSH REL |
|                               |             | ST (Fumes)                          | 10 mg/m3   | NIOSH REL |
|                               |             | C (Dust)                            | 15 mg/m3   | NIOSH REL |
|                               |             | TWA<br>(Fumes)                      | 5 mg/m3  | OSHA Z-1  |
|                               |             | TWA (total dust)                    | 15 mg/m3   | OSHA Z-1  |



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| TWA (respirable fraction)      | 5 mg/m3  | OSHA Z-1 |
|--------------------------------|----------|----------|
| TWA (Total dust)               | 10 mg/m3 | OSHA P0  |
| TWA (respirable dust fraction) | 5 mg/m3  | OSHA P0  |
| TWA<br>(Fumes)                 | 5 mg/m3  | OSHA P0  |
| STEL<br>(Fumes)                | 10 mg/m3 | OSHA P0  |

## Hazardous components without workplace control parameters

| Components            | CAS-No.   |
|-----------------------|-----------|
| SODIUM LAURYL SULFATE | 151-21-3  |
| EUGENOL               | 97-53-0   |
| SODIUM SILICATE       | 1344-09-8 |

## 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 : Choose body protection according to the amount and con-

centration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

# **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : paste

Colour : brown

pH : 8.5

Flash point : > 200 °F

### **SECTION 10. STABILITY AND REACTIVITY**



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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

#### **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: 136.63 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:** 

**CALCIUM CARBONATE:** 

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

Method: OECD Test Guideline 420

Acute inhalation toxicity : LC50 (Rabbit): > 5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Acute toxicity estimate

**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

amorphous silica or silicates:

Acute oral toxicity : LD50 (Rat): > 22,500 mg/kg

Method: No information available.



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Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

ZINC OXIDE:

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

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rabbit): > 5.7 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

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

Method: OECD Test Guideline 402

**EUGENOL:** 

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

**SODIUM SILICATE:** 

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

Acute inhalation toxicity : LC50: > 2.06 mg/l

Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

## Skin corrosion/irritation

Not classified based on available information.

### **Product:**

Remarks: May cause skin irritation and/or dermatitis.

# **Components:**

## **CALCIUM CARBONATE:**

Result: No skin irritation

## **SODIUM LAURYL SULFATE:**

Result: Severe skin irritation

#### amorphous silica or silicates:

Remarks: No data available



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ZINC OXIDE:

Result: No skin irritation

**EUGENOL:** 

Result: Mild skin irritation

**SODIUM SILICATE:** 

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

**Product:** 

Remarks: May cause irreversible eye damage.

**Components:** 

**CALCIUM CARBONATE:** 

Result: No eye irritation

**SODIUM LAURYL SULFATE:** 

Result: Irreversible effects on the eye

amorphous silica or silicates:

Remarks: No data available

ZINC OXIDE:

Result: No eye irritation

**EUGENOL:** 

Result: Irritation to eyes, reversing within 21 days

**SODIUM SILICATE:** 

Result: Moderate eye irritation

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

**Product:** 

Remarks: Causes sensitisation.



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### **Components:**

### **CALCIUM CARBONATE:**

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.

#### amorphous silica or silicates:

Exposure routes: Inhalation Remarks: No data available

Exposure routes: Dermal Remarks: No data available

# ZINC OXIDE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

### **EUGENOL:**

Exposure routes: Inhalation Remarks: No data available

Exposure routes: Dermal

Result: May cause sensitisation by skin contact.

### **SODIUM SILICATE:**

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

# Germ cell mutagenicity

Not classified based on available information.



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## Carcinogenicity

Not classified based on available information.

IARC No component of this product present at levels greater than or

equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

OSHA No component of this product present at levels greater than or

equal to 0.1% is identified as a carcinogen or potential carcino-

gen by OSHA.

NTP No component of this product present at levels greater than or

equal to 0.1% is identified as a known or anticipated carcinogen

by NTP.

## 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 3 of the SDS.

## **SECTION 12. ECOLOGICAL INFORMATION**

The product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Environmental Occupational Health and Safety group of Colgate-Palmolive and determined to have an acceptable environmental profile. This evaluation is based on available information on individual ingredients, interactions of ingredients, and similar ingredients. Biodegradability claims are supported by data on ingredients (i.e., surfactants are biodegradable).

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.



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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**

**DOT**: Not regulated.

**TDG**: Not regulated.

IATA: Not regulated.

**IMDG**: Not regulated.

**ADR**: NOT REGULATED.

## International Regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

**National Regulations** 

### **SECTION 15. REGULATORY INFORMATION**

# **EPCRA - Emergency Planning and Community Right-to-Know Act**

## **CERCLA Reportable Quantity**

| Components      | CAS-No.   | Component RQ | Calculated product RQ |
|-----------------|-----------|--------------|-----------------------|
|                 |           | (lbs)        | (lbs)                 |
| SODIUM FLUORIDE | 7681-49-4 | 1000         | *                     |

<sup>\*:</sup> Calculated RQ exceeds reasonably attainable upper limit.

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

# SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 313 : The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

ZINC OXIDE 1314-13-2

ZINC CITRATE 546-46-3



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#### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

#### **Clean Water Act**

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

SODIUM FLUORIDE 7681-49-4

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

SODIUM FLUORIDE 7681-49-4

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

ZINC OXIDE 1314-13-2

### **US State Regulations**

## Massachusetts Right To Know

| amorphous silica or silicates  | 112926-00-8 |
|--------------------------------|-------------|
| ZINC OXIDE                     | 1314-13-2   |
| CHONDRUS CRISPUS (CARRAGEENAN) | 9000-07-1   |

471-34-1

### Pennsylvania Right To Know

| WATER                             | 7732-18-5    |
|-----------------------------------|--------------|
| D-SORBITOL                        | 50-70-4      |
| HYDROGENATED STARCH HYDROLYSATE / | Not Assigned |
| POLYHYDRIC ALCOHOL                | _            |
| amorphous silica or silicates     | 112926-00-8  |
| ZINC OXIDE                        | 1314-13-2    |
| CHONDRUS CRISPUS (CARRAGEENAN)    | 9000-07-1    |
| SODIUM SULFATE                    | 7757-82-6    |
| SODIUM FLUORIDE                   | 7681-49-4    |

# California List of Hazardous Substances

**CALCIUM CARBONATE** 

ZINC OXIDE 1314-13-2

## **California Permissible Exposure Limits for Chemical Contaminants**

CALCIUM CARBONATE 471-34-1 ZINC OXIDE 1314-13-2

## **TSCA list**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.



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#### **SECTION 16. OTHER INFORMATION**

#### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance 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



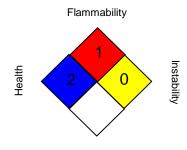
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## **Further information**

## NFPA:



Special hazard.

## HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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US / EN