

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:
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 09/28/2022
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 Date of first issue: 09/26/2019

**SECTION 1. IDENTIFICATION** 

Product code

Product name : COLGATE OPTIC WHITE TOOTHPASTE ENAMEL

STRENGTH

B05492240000 : 20000059756

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 : Dentifrice.

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

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation : Category 2

Serious eye damage : Category 1

Skin sensitisation : Category 1

**GHS** label elements



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Hazard pictograms





Signal word : Danger

Hazard statements : H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

Precautionary statements : Prevention:

P261 Avoid breathing mist or vapours. P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing must 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 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

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

attention.

P362 Take off contaminated clothing and wash before reuse.

Disposai:

P501 Dispose of contents/ container to an approved waste dis-

posal plant.

### Other hazards

None known.

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

## Components

| Chemical name             | CAS-No.   | Concentration (% w/w) |
|---------------------------|-----------|-----------------------|
| Propylene Glycol          | 57-55-6   | >= 50 - < 70          |
| HYDROGEN PEROXIDE         | 7722-84-1 | >= 1 - < 5            |
| SODIUM LAURYL SULFATE     | 151-21-3  | >= 1 - < 5            |
| TETRASODIUM PYROPHOSPHATE | 7722-88-5 | >= 1 - < 5            |
| SODIUM                    | 7631-97-2 | >= 1 - < 5            |
| MONOFLUOROPHOSPHATE       |           |                       |
| DISODIUM PYROPHOSPHATE    | 7758-16-9 | >= 0.1 - < 1          |
| TRANS-MENTHONE            | 89-80-5   | >= 0.1 - < 1          |

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



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General advice : Move out of dangerous area.

Consult a physician.

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.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty

of water and seek medical advice.

Continue rinsing eyes during transport to hospital.

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.

Do NOT induce vomiting.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms and effects, both acute and

delayed

: Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye damage.

Notes to physician : Treat symptomatically.

## **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

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



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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**

tive equipment and emer-

gency procedures

Personal precautions, protec- : Use personal protective equipment.

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

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 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.

To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national

regulations.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated

Containers which are opened must be carefully resealed and

kept upright to prevent leakage. Observe label precautions.

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



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| Components                   | CAS-No.   | Value type<br>(Form of<br>exposure) | Control parameters / Permissible concentration | Basis     |
|------------------------------|-----------|-------------------------------------|--|-----------|
| Propylene Glycol             | 57-55-6   | TWA                                 | 10 mg/m3                                       | US WEEL   |
| HYDROGEN PEROXIDE            | 7722-84-1 | TWA                                 | 1 ppm  | ACGIH     |
|                              |           | TWA                                 | 1 ppm<br>1.4 mg/m3                             | NIOSH REL |
|                              |           | TWA                                 | 1 ppm<br>1.4 mg/m3                             | OSHA Z-1  |
|                              |           | TWA                                 | 1 ppm<br>1.4 mg/m3                             | OSHA P0   |
|                              |           | TWA                                 | 1 ppm  | ACGIH     |
| TETRASODIUM<br>PYROPHOSPHATE | 7722-88-5 | TWA                                 | 5 mg/m3  | NIOSH REL |
|                              |           | TWA                                 | 5 mg/m3  | OSHA P0   |

### 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.

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 : white

pH : 8.0

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 reac-

tions

: No decomposition if stored and applied as directed.

Conditions to avoid : No data available

Incompatible materials : Not applicable

### **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: 13.72 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:** 

**Propylene Glycol:** 

Acute oral toxicity : LD50 (Rat): 22,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

**HYDROGEN PEROXIDE:** 

Acute oral toxicity : LD50 (Rat): 1,026 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC0 (Rat): > 0.17 mg/l

Exposure time: 4 h
Test atmosphere: vapour
Remarks: Harmful by inhalation.

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



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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

**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

**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

**DISODIUM PYROPHOSPHATE:** 

Acute oral toxicity : LD50 (Mouse): 2,650 mg/kg

Method: No information available.

Acute inhalation toxicity : LC50 (Rabbit): > 0.58 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: OPPTS 870.1300

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

Method: OECD Test Guideline 402



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TRANS-MENTHONE:

Acute inhalation toxicity : Remarks: No data available

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

Method: No information available.

Skin corrosion/irritation

Causes skin irritation.

**Components:** 

**Propylene Glycol:** 

Result : No skin irritation

**HYDROGEN PEROXIDE:** 

Species : Rabbit Exposure time : 4 h

Method : OECD Test Guideline 404

Result : Corrosive after 3 minutes or less of exposure

**SODIUM LAURYL SULFATE:** 

Result : Severe skin irritation

Remarks : Extremely corrosive and destructive to tissue.

**TETRASODIUM PYROPHOSPHATE:** 

Result : No skin irritation

Remarks : May cause skin irritation in susceptible persons.

**SODIUM MONOFLUOROPHOSPHATE:** 

Result : Severe skin irritation

Remarks : May cause skin irritation in susceptible persons.

**DISODIUM PYROPHOSPHATE:** 

Result : Mild skin irritation

TRANS-MENTHONE:

Result : Irritating to skin.

Serious eye damage/eye irritation

Causes serious eye damage.



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**Components:** 

**Propylene Glycol:** 

Result : No eye irritation

**HYDROGEN PEROXIDE:** 

Species : Rabbit

Result : No eye irritation

Method : OECD Test Guideline 405

**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.

**SODIUM MONOFLUOROPHOSPHATE:** 

Result : Irritation to eyes, reversing within 21 days

Remarks : May cause irreversible eye damage.

**DISODIUM PYROPHOSPHATE:** 

Result : Irritation to eyes, reversing within 21 days

TRANS-MENTHONE:

Result : No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

**Components:** 

**Propylene Glycol:** 

Exposure routes : Inhalation

Remarks : No data available

Exposure routes : Dermal

Result : Does not cause skin sensitisation.



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**HYDROGEN PEROXIDE:** 

Exposure routes : Dermal Species : Guinea pig

Result : Does not cause skin sensitisation.

Exposure routes : inhalation (vapour)

Species : Mouse

Result : Does not cause respiratory 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.

**SODIUM MONOFLUOROPHOSPHATE:** 

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

**DISODIUM PYROPHOSPHATE:** 

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

**TRANS-MENTHONE:** 

Exposure routes : Inhalation

Remarks : No data available

Exposure routes : Dermal

Result : May cause sensitisation by skin contact.

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 on OSHA's list of regulated carcinogens.

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.

#### Components:

#### **HYDROGEN PEROXIDE:**

Exposure routes : Inhalation

Target Organs : Respiratory system

Assessment : May cause respiratory irritation.

## 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**

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.

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.

**IMDG EmS Number :**Not applicable.



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ADR :

Not regulated.

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

## **CERCLA Reportable Quantity**

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

### SARA 304 Extremely Hazardous Substances Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

# SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

| Components           | CAS-No.               | Component TPQ (lbs) |
|----------------------|-----------------------|---------------------|
| HYDROGEN PEROXIDE    | 7722-84-1             | 1000                |
| SARA 311/312 Hazards | : Respiratory or skin | sensitisation       |

Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 : This material does not contain any chemical components with

known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### 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).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

Propylene Glycol 57-55-6

### **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 does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act



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### **US State Regulations**

### Massachusetts Right To Know

| Propylene Glycol                         | 57-55-6   |
|--|-----------|
| ETHYLENE OXIDE PROPYLENE OXIDE COPOLYMER | 9003-11-6 |
| HYDROGEN PEROXIDE                        | 7722-84-1 |
| SODIUM LAURYL SULFATE                    | 151-21-3  |
| TETRASODIUM PYROPHOSPHATE                | 7722-88-5 |
| SODIUM MONOFLUOROPHOSPHATE               | 7631-97-2 |
| SODIUM SACCHARIN                         | 128-44-9  |

### Pennsylvania Right To Know

| Propylene Glycol                         | 57-55-6   |
|--|-----------|
| CALČIUM PYROPHOSPHATE                    | 7790-76-3 |
| PVP (POLYVINYL PYRROLIDONE)              | 9003-39-8 |
| ETHYLENE OXIDE PROPYLENE OXIDE COPOLYMER | 9003-11-6 |
| HYDROGEN PEROXIDE                        | 7722-84-1 |
| TETRASODIUM PYROPHOSPHATE                | 7722-88-5 |
| SODIUM SACCHARIN                         | 128-44-9  |
| Sodium Fluoride                          | 7681-49-4 |
| SODIUM SULFATE                           | 7757-82-6 |
|  |           |

## **TSCA list**

The following substance(s) is/are subject to a Significant New Use Rule: Acetamide, 2-(4-methylphenoxy)-N-1H-pyrazol-3-yl-N-(2- 1374760-95-8 thienylmethyl)

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

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

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; 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



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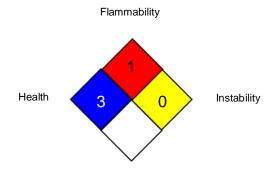
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Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (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; TECI - Thailand Existing Chemicals 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

#### **Further information**

#### NFPA 704:



Special hazard

### HMIS® IV:

| HEALTH          | 1 | 3 |
|-----------------|---|---|
| FLAMMABILITY    |   | 1 |
| PHYSICAL HAZARD |   | 0 |

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