

Colgate Optic White Luminous Enamel Strong Toothpaste Cool Mint

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Version	Revision Date:	SDS Number:	Date of last issue: 05.03.2024
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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Colgate Optic White Luminous Enamel Strong Toothpaste Cool Mint

Product code : B05476610003
: 200000070430

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**

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.

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P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of 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.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
Propylene Glycol	57-55-6	>= 30 -< 40
Glycerin	56-81-5	>= 1 -< 3
HYDROGEN PEROXIDE	7722-84-1	>= 1 -< 3
SODIUM LAURYL SULFATE	151-21-3	>= 1 -< 3
Fumed Silica	112945-52-5	>= 1 -< 3
TETRASODIUM PYROPHOSPHATE	7722-88-5	>= 1 -< 3
L-MENTHOL	2216-51-5	>= 1 -< 3
SODIUM MONOFLUOROPHOSPHATE	7631-97-2	>= 1 -< 3
DISODIUM PYROPHOSPHATE	7758-16-9	>= 0.1 -< 1
ANETHOLE	104-46-1	>= 0.1 -< 1
METHYL SALICYLATE	119-36-8	>= 0.1 -< 1
TRANS-MENTHONE	89-80-5	>= 0.1 -< 1
EUCALYPTOL	470-82-6	>= 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.

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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. 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. Causes serious eye damage.
Notes to physician	: Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances 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 products	: No hazardous combustion products are known
Specific extinguishing methods	: 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 necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment.
Environmental precautions	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

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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 application area.
To avoid spills during handling keep bottle on a metal tray.
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.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

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
Propylene Glycol	57-55-6	TWA (particulate)	10 mg/m ³	AU OEL
		TWA (Total vapour and particles))	150 ppm 474 mg/m ³	AU OEL
Glycerin	56-81-5	TWA (Mist)	10 mg/m ³	AU OEL

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HYDROGEN PEROXIDE	7722-84-1	TWA	1 ppm 1.4 mg/m ³	AU OEL
		TWA	1 ppm	ACGIH
		TWA	1 ppm	ACGIH
TETRASODIUM PYROPHOSPHATE	7722-88-5	TWA	5 mg/m ³	AU OEL

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Colour : white

Odour : No data available

pH : 7.30

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 : No data available

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flammability limit

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 reactions : 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: > 2,000 mg/kg
Method: Calculation methodAcute inhalation toxicity : Acute toxicity estimate: > 5 mg/l
Exposure time: 4 h

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Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 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
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

Fumed Silica:

Acute oral toxicity : LD50 (Rat): 3,160 mg/kg
Method: No information available.
Acute inhalation toxicity : Remarks: No data available
Acute dermal toxicity : Remarks: No data available

TETRASODIUM PYROPHOSPHATE:

Acute oral toxicity : LD50 (Rat): 1,624 mg/kg
Method: OECD Test Guideline 425

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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 inhalation 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

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

ANETHOLE:

Acute oral toxicity : LD50 (Rat): 3,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

METHYL SALICYLATE:

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Acute oral toxicity : LD50 (Rat): 890 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: No information available.

TRANS-MENTHONE:

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: No information available.

EUCALYPTOL:

Acute oral toxicity : LD50 (Rat): 2,480 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg
Method: No information available.

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks : Extremely corrosive and destructive to tissue.

Components:**Propylene Glycol:**

Result : No skin irritation

Glycerin:

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:

Species : Rabbit

Exposure time : 24 h

Assessment : irritating

Method : OECD Test Guideline 404

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Result : irritating

Fumed Silica:

Result : Severe skin irritation

TETRASODIUM PYROPHOSPHATE:

Result : No skin irritation

Remarks : May cause skin irritation in susceptible persons.

L-MENTHOL:

Result : May irritate skin.

SODIUM MONOFLUOROPHOSPHATE:

Result : Severe skin irritation

Remarks : May cause skin irritation in susceptible persons.

DISODIUM PYROPHOSPHATE:

Result : Mild skin irritation

ANETHOLE:

Result : Mild skin irritation

Remarks : May cause skin irritation and/or dermatitis.

METHYL SALICYLATE:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Mild skin irritation

TRANS-MENTHONE:

Result : Irritating to skin.

EUCALYPTOL:

Result : No eye irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

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Components:**Propylene Glycol:**

Result : No eye irritation

Glycerin:

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.

Fumed Silica:

Result : Irritation to eyes, reversing within 21 days

TETRASODIUM PYROPHOSPHATE:

Result : Irritation to eyes, reversing within 21 days

Remarks : May cause irreversible eye damage.

L-MENTHOL:

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

ANETHOLE:

Result : No eye irritation

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

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METHYL SALICYLATE:

Species	:	Rabbit
Result	:	Eye irritation
Assessment	:	irritating

TRANS-MENTHONE:

Result	:	No eye irritation
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EUCALYPTOL:

Result	:	Mild eye irritation
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Respiratory or skin sensitisation**Skin sensitisation**

Not classified based on available information.

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.

Glycerin:

Exposure routes	:	Inhalation
Remarks	:	No data available

Exposure routes	:	Dermal
Result	:	Does not cause skin sensitisation.

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

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Exposure routes : Dermal
Result : Does not cause skin sensitisation.

Fumed Silica:

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

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.

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.

ANETHOLE:

Exposure routes : Inhalation
Remarks : No data available

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

Remarks : Causes sensitisation.

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METHYL SALICYLATE:

Exposure routes : Inhalation
Remarks : No data available

Exposure routes : Dermal
Remarks : No data available

TRANS-MENTHONE:

Exposure routes : Inhalation
Remarks : No data available

Exposure routes : Dermal
Result : May cause sensitisation by skin contact.

EUCALYPTOL:

Exposure routes : Inhalation
Remarks : No data available

Exposure routes : Dermal
Result : May cause sensitisation by skin contact.

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

METHYL SALICYLATE:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Test system: mouse lymphoma cells
Metabolic activation: with and without metabolic activation
Result: negative

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Genotoxicity in vivo : Test Type: in vivo assay
Species: Mouse
Application Route: Oral
Result: negative

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Components:**METHYL SALICYLATE:**

Reproductive toxicity - Assessment : Suspected of damaging fertility or the unborn child.

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.

Repeated dose toxicity**Components:****SODIUM LAURYL SULFATE:**

Species : Rat
: 488 mg/kg
Application Route : Oral

Species : Mouse
: 488 mg/kg
Application Route : Dermal

METHYL SALICYLATE:

Species : Rat
NOAEL : 50 mg/kg
Application Route : Oral

Species : Rat
NOEC : 700 mg/l

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Application Route : Inhalation
Test atmosphere : vapour

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:****Propylene Glycol:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 18,880 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (Pseudokirchneriella subcapitata (green algae)): 19,000
plants mg/l
Exposure time: 96 h

Toxicity to fish (Chronic tox- : No data available:
icity)

Toxicity to daphnia and other : No data available:
aquatic invertebrates (Chron-
ic toxicity)

Glycerin:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 10,000 mg/l
Exposure time: 96 h

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Toxicity to algae/aquatic plants : Remarks: No data available

HYDROGEN PEROXIDE:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 16.4 mg/l

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia pulex (Water flea)): 2.4 mg/l
Exposure time: 24 h

Toxicity to algae/aquatic plants : NOEC (Marine Diatom): 0.63 mg/l

Toxicity to fish (Chronic toxicity) : No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.63 mg/l

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 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

Fumed Silica:

Toxicity to fish : (Brachydanio rerio (zebrafish)): > 10,000 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 24 h
Method: OECD Test Guideline 202

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:

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ic toxicity)

TETRASODIUM PYROPHOSPHATE:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h

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

Toxicity to algae/aquatic : ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
plants Exposure time: 72 h

Toxicity to fish (Chronic tox- : No data available:
icity)

Toxicity to daphnia and other : No data available:
aquatic invertebrates (Chron-
ic toxicity)

L-MENTHOL:

Toxicity to fish : LC50 : 10 mg/l

Toxicity to fish (Chronic tox- : No data available:
icity)

Toxicity to daphnia and other : No data available:
aquatic invertebrates (Chron-
ic toxicity)

SODIUM MONOFLUOROPHOSPHATE:

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

DISODIUM PYROPHOSPHATE:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 840 mg/l
Exposure time: 96 h

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

Toxicity to algae/aquatic : ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
plants Exposure time: 72 h

Toxicity to fish (Chronic tox- : No data available:
icity)

Toxicity to daphnia and other : No data available:
aquatic invertebrates (Chron-

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ic toxicity)

ANETHOLE:

Toxicity to fish : LC50 (Fish): 5 mg/l
Exposure time: 96 h

Toxicity to fish (Chronic toxicity) : NOEC (Fish): > 2 mg/l
Test substance: No data available

METHYL SALICYLATE:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 19.8 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna Straus): 28 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC: 6.25 mg/l
Exposure time: 72 h
Test Type: static test

Toxicity to fish (Chronic toxicity) : No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

TRANS-MENTHONE:

Toxicity to fish : LC50 (Fish): 10 mg/l
Exposure time: 96 h

Toxicity to algae/aquatic plants : Remarks: No data available

Toxicity to fish (Chronic toxicity) : NOEC (Fish): 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

EUCALYPTOL:

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

Toxicity to fish (Chronic toxicity) : NOEC (Fish): 32 mg/l

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Persistence and degradability**Components:****Propylene Glycol:**

Biodegradability : Result: Readily biodegradable.

Glycerin:

Biodegradability : Result: Readily biodegradable.

HYDROGEN PEROXIDE:

Biodegradability : Remarks: Not applicable

SODIUM LAURYL SULFATE:

Biodegradability : Result: Readily biodegradable.

Fumed Silica:

Biodegradability : Remarks: Not applicable

TETRASODIUM PYROPHOSPHATE:

Biodegradability : Remarks: Not applicable

L-MENTHOL:

Biodegradability : Result: Readily biodegradable.

SODIUM MONOFLUOROPHOSPHATE:

Biodegradability : Remarks: Not applicable

DISODIUM PYROPHOSPHATE:

Biodegradability : Remarks: Not applicable

ANETHOLE:

Biodegradability : Result: Readily biodegradable.

METHYL SALICYLATE:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 98 %
Exposure time: 28 d

TRANS-MENTHONE:

Biodegradability : Result: Not readily biodegradable.

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EUCALYPTOL:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential**Components:****Propylene Glycol:**

Bioaccumulation : Bioconcentration factor (BCF): < 100

Glycerin:

Bioaccumulation : Remarks: No data available

HYDROGEN PEROXIDE:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: -1.57

Fumed Silica:

Bioaccumulation : Bioconcentration factor (BCF): 3.16

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

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

DISODIUM PYROPHOSPHATE:

Bioaccumulation : Bioconcentration factor (BCF): 3.16

Partition coefficient: n-octanol/water : log Pow: -6.77

METHYL SALICYLATE:

Bioaccumulation : Remarks: No data available

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Partition coefficient: n-octanol/water : log Pow: 2.6

TRANS-MENTHONE:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: 2.87

EUCALYPTOL:

Bioaccumulation : Bioconcentration factor (BCF): 83.0 - 125

Partition coefficient: n-octanol/water : log Pow: 3.13

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : No data available

Components:**TETRASODIUM PYROPHOSPHATE:**

Additional ecological information : 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 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.

SECTION 14. TRANSPORT INFORMATION

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ADG (Australian Dangerous Goods) 7.6 :

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 mixture**

Therapeutic Goods (Poisons Standard) Instrument : No poison schedule number allocated

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 Regulations.

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

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SECTION 16. OTHER INFORMATION

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Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
AU OEL	: Australia. Workplace Exposure Standards for Airborne Contaminants.
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 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

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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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