

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 12/07/2016 660000003882 Date of first issue: 2016/12/07

SECTION 1. IDENTIFICATION

Product name : COLGATE LUMINOUS WHITE TOOTHPASTE-MINT

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

Telefax : +50250224239500

Emergency telephone num-

bei

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

Skin irritation : Category 2

Eye irritation : Category 2A

Skin sensitisation : Category 1

GHS label elements

Hazard pictograms



Signal word : Warning

Hazard statements : H315 Causes skin irritation.

H317 May cause an allergic skin reaction.



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

H319 Causes serious eye irritation.

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.

P362 Take off contaminated clothing and wash before reuse.

Disposal:

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

posal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
amorphous silica or silicates	112926-00-8	>= 10 - < 20
CALCIUM PYROPHOSPHATE	7790-76-3	>= 10 - < 20
GLYCERIN	56-81-5	>= 5 - < 10
POLYETHYLENE GLYCOL	25322-68-3	>= 1 - < 5
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	>= 1 - < 5
SODIUM MONOFLUOROPHOSPHATE	7631-97-2	>= 1 - < 5
DISODIUM PYROPHOSPHATE	7758-16-9	>= 0.1 - < 1
ANETHOLE	104-46-1	>= 0.1 - < 1
L-MENTHONE	14073-97-3	>= 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



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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.

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

Causes skin irritation.

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, protective equipment and emer-

gency procedures

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



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Version Revision Date: SDS Number: Date of last issue: -

12/07/2016 660000003882 Date of first issue: 2016/12/07 1.0

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

fire and explosion

Advice on protection against : 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.

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

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 (Form of exposure)	Control parameters / Permissible concentration	Basis
amorphous silica or silicates	112926-00-8	TWA	6 mg/m3	OSHA P0
		TWA (Dust)	20 Million parti- cles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
GLYCERIN	56-81-5	TWA (mist, respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (mist, total dust)	15 mg/m3	OSHA Z-1



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

		TWA (Mist - total dust)	10 mg/m3	OSHA P0
		TWA (Mist - respirable fraction)	5 mg/m3	OSHA P0
POLYETHYLENE GLYCOL	25322-68-3	TWA (aero- sol)	10 mg/m3	US WEEL

Hazardous components without workplace control parameters

Components	CAS-No.
CALCIUM PYROPHOSPHATE	7790-76-3
TETRAPOTASSIUM	7320-34-5
PYROPHOSPHATE	
SODIUM	7631-97-2
MONOFLUOROPHOSPHATE	
DISODIUM	7758-16-9
PYROPHOSPHATE	
ANETHOLE	104-46-1
L-MENTHONE	14073-97-3

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 : 8.6

Flash point : > 200 °F



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Density : 1.42 g/cm3

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

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: 84.46 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:

amorphous silica or silicates:

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

CALCIUM PYROPHOSPHATE:

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

Method: OECD Test Guideline 420

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

Exposure time: 4 h

Test atmosphere: dust/mist



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

Method: Acute toxicity estimate

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

Method: Acute toxicity estimate

GLYCERIN:

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

Acute inhalation toxicity : Remarks: No data available

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

Method: No information available.

POLYETHYLENE GLYCOL:

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

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

TETRAPOTASSIUM PYROPHOSPHATE:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

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

Method: OECD Test Guideline 402

SODIUM MONOFLUOROPHOSPHATE:

Acute oral toxicity : LD50 (Rat): 888 mg/kg

Method: No information available.

Acute inhalation toxicity : LC50 (Rabbit): 1.5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Acute toxicity estimate

Acute dermal toxicity : LD50 (Rabbit): 1,100 mg/kg

Method: Acute toxicity estimate

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



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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

Method: OECD Test Guideline 402

ANETHOLE:

Acute oral toxicity : LD50 (Rat): 2,090 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

L-MENTHONE:

Acute oral toxicity : LD50 (Rat): 2,602 mg/kg

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.

Product:

Remarks: May cause skin irritation and/or dermatitis.

Components:

amorphous silica or silicates:

Remarks: No data available

CALCIUM PYROPHOSPHATE:

Result: Severe skin irritation

GLYCERIN:

Result: No skin irritation

POLYETHYLENE GLYCOL:

Result: No skin irritation

TETRAPOTASSIUM PYROPHOSPHATE:

Result: Severe skin irritation

SODIUM MONOFLUOROPHOSPHATE:

Result: Severe skin irritation



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DISODIUM PYROPHOSPHATE:

Result: Mild skin irritation

ANETHOLE:

Result: Irritating to skin.

L-MENTHONE:

Result: Irritating to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: May cause irreversible eye damage.

Components:

amorphous silica or silicates:

Result: Eye irritation

CALCIUM PYROPHOSPHATE:

Result: Irritation to eyes, reversing within 21 days

GLYCERIN:

Remarks: No data available

POLYETHYLENE GLYCOL:

Result: No eye irritation

TETRAPOTASSIUM PYROPHOSPHATE:

Result: Irritation to eyes, reversing within 21 days

SODIUM MONOFLUOROPHOSPHATE:

Result: Irritation to eyes, reversing within 21 days

DISODIUM PYROPHOSPHATE:

Result: Irritation to eyes, reversing within 21 days

ANETHOLE:

Remarks: No data available

L-MENTHONE:

Remarks: No data available



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks: Causes sensitisation.

Components:

amorphous silica or silicates:

Exposure routes: Inhalation Remarks: No data available

Exposure routes: Dermal Remarks: No data available

CALCIUM PYROPHOSPHATE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

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.

POLYETHYLENE GLYCOL:

Exposure routes: Inhalation Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

TETRAPOTASSIUM PYROPHOSPHATE:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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: May cause sensitisation by skin contact.

L-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.

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.



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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, 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) or testing conducted on the final product (i.e., This product is 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



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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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)
PENTASODIUM	7758-29-4	5000	*
TRIPHOSPHATE			

^{*:} 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 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting re-

quirements of SARA Title III, Section 302.

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):

GLYCERIN 56-81-5



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Version Revision Date: SDS Number: Date of last issue: -

1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

POLYETHYLENE

25322-68-3

GLYCOL

Clean Water Act

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

PENTASODIUM 7758-29-4

TRIPHOSPHATE

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

US State Regulations

Massachusetts Right To Know

amorphous silica or silicates 112926-00-8
GLYCERIN 56-81-5
PENTASODIUM TRIPHOSPHATE 7758-29-4

Pennsylvania Right To Know

WATER 7732-18-5
amorphous silica or silicates 112926-00-8
D-SORBITOL 50-70-4
CALCIUM PYROPHOSPHATE 7790-76-3
GLYCERIN 56-81-5
HYDROGENATED STARCH HYDROLYSATE / Not Assigned

POLYHYDRIC ALCOHOL

PENTASODIUM TRIPHOSPHATE 7758-29-4
SODIUM SULFATE 7757-82-6
SODIUM FLUORIDE 7681-49-4
ALUMINA 1344-28-1

New Jersey Right To Know

WATER 7732-18-5
amorphous silica or silicates 112926-00-8
D-SORBITOL 50-70-4
CALCIUM PYROPHOSPHATE 7790-76-3
GLYCERIN 56-81-5

California Prop. 65 : This product does not contain any chemicals known to State

of California to cause cancer, birth defects, or any other re-

productive harm.

California Permissible Exposure Limits for Chemical Contaminants

GLYCERIN 56-81-5

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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1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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



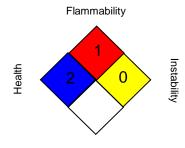
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Version Revision Date: SDS Number: Date of last issue: -

1.0 12/07/2016 660000003882 Date of first issue: 2016/12/07

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.

Revision Date : 12/07/2016

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.

US / EN