

PALMOLIVE SOAP BAR GOLD

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	04.07.2023	660000019102	Date of first issue: 04.07.2023

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PALMOLIVE SOAP BAR GOLD

Product code : B02444290000
: 200000070207

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 : Soap bar

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
Glycerin	56-81-5	>= 5 -< 10
KAOLIN	1332-58-7	>= 3 -< 5
LINALYL ACETATE	115-95-7	>= 0.1 -< 1

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D-LIMONENE	5989-27-5	>= 0.1 -< 1
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SECTION 4. FIRST AID MEASURES

- General advice : If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Flush eyes with water as a precaution.
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.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
- 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
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
- Environmental precautions : 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 fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
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.
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
Glycerin	56-81-5	TWA (Mist)	10 mg/m ³	AU OEL
KAOLIN	1332-58-7	TWA	10 mg/m ³	AU OEL
		TWA (Res-	2 mg/m ³	ACGIH

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		pirable particulate matter)		
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Personal protective equipment

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

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : solid

Colour : yellow

Odour : No data available

pH : No data available

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Density : No data available

Solubility(ies)
Solubility in other solvents : No data available

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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 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

Components:

KAOLIN:

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

Acute inhalation toxicity : Remarks: Not applicable

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

LINALYL ACETATE:

Acute oral toxicity : LD50 (Rat): 14,550 mg/kg

Acute inhalation toxicity : Remarks: No data available

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

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Method: No information available.

D-LIMONENE:

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

Acute inhalation toxicity : Remarks: No data available

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

Skin corrosion/irritation

Components:

Glycerin:

Result : No skin irritation

KAOLIN:

Result : No skin irritation

LINALYL ACETATE:

Result : Irritating to skin.

D-LIMONENE:

Species : Rabbit

Result : Mild skin irritation

Serious eye damage/eye irritation

Components:

Glycerin:

Result : No eye irritation

KAOLIN:

Result : Irritation to eyes, reversing within 7 days

LINALYL ACETATE:

Result : Irritation to eyes, reversing within 21 days

D-LIMONENE:

Species : Rabbit

Result : No eye irritation



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Respiratory or skin sensitisation

Components:

Glycerin:

Exposure routes : Inhalation
Remarks : No data available

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

KAOLIN:

Exposure routes : Inhalation
Remarks : No data available

Exposure routes : Dermal
Remarks : No data available

LINALYL ACETATE:

Exposure routes : Inhalation
Remarks : No data available

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

D-LIMONENE:

Exposure routes : Dermal
Species : Mouse
Remarks : Causes sensitisation.

Chronic toxicity

Germ cell mutagenicity

Components:

D-LIMONENE:

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

Genotoxicity in vivo : Test Type: comet assay
Species: Rat (male)
Application Route: Oral
Result: negative

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Repeated dose toxicity

Components:

D-LIMONENE:

Species	:	Rat, male
NOAEL	:	825 mg/kg
Application Route	:	Oral
Method	:	OECD Test Guideline 407

Aspiration toxicity

Components:

D-LIMONENE:

May be fatal if swallowed and enters airways.

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

Ecotoxicity

Components:

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
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KAOLIN:

Toxicity to fish	:	Remarks: Not applicable
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Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): > 1,000 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : Remarks: Not applicable

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

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

LINALYL ACETATE:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 11 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna Straus): 10.8 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 88.3 mg/l
Exposure time: 96 h

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

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

D-LIMONENE:

Toxicity to fish : LC50 (Fish): 0.72 mg/l
Exposure time: 96 h

M-Factor (Acute aquatic toxicity) : 1

Toxicity to fish (Chronic toxicity) : NOEC (Fish): < 0.01 mg/l

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

M-Factor (Chronic aquatic toxicity) : 1



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Persistence and degradability

Components:

Glycerin:

Biodegradability : Result: Readily biodegradable.

KAOLIN:

Biodegradability : Remarks: Not applicable

LINALYL ACETATE:

Biodegradability : Result: Readily biodegradable.

D-LIMONENE:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential

Components:

Glycerin:

Bioaccumulation : Remarks: No data available

KAOLIN:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : Remarks: Not applicable

LINALYL ACETATE:

Bioaccumulation : Bioconcentration factor (BCF): 173.9

Partition coefficient: n-octanol/water : log Pow: 4.39

D-LIMONENE:

Bioaccumulation : Bioconcentration factor (BCF): 864.8

Partition coefficient: n-octanol/water : log Pow: 4.38

Mobility in soil

No data available

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Other adverse effects

Product:

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

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

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SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons : 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

SECTION 16. OTHER INFORMATION

Revision Date : 04.07.2023
Date format : dd.mm.yyyy

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

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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 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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