

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 11/26/2024 660000021210 Date of first issue: 11/26/2024

**SECTION 1. IDENTIFICATION** 

Product name : PALMOLIVE SENSORIAL DISHWASHING LIQUID

B02978010010

Product code : 100000231517

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 : dishwashing liquid

# **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

**GHS** label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.

H318 Causes serious eye damage.



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Precautionary statements : Prevention:

P264 Wash skin thoroughly after handling.

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.

P332 + P313 If skin irritation occurs: Get medical advice/ atten-

ion.

P362 Take off contaminated clothing and wash before reuse.

#### Other hazards

None known.

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

# Components

Chemical name	CAS-No.	Concentration (% w/w)
SODIUM DODECYL BENZENE SULFONATE (LINEAR)	25155-30-0	>= 5 - < 10
Sodium Laureth Sulfate	9004-82-4	>= 5 - < 10
Lauramidopropylamine Oxide	61792-31-2	>= 1 - < 5
LINEAR ALKYL BENZENE DERIVS	68648-87-3	>= 0.1 - < 1

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

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.



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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 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

be disposed of in accordance with local regulations.

Special protective equipment :

for firefighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

# **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- : Use personal protective equipment. tive equipment and emer-

gency procedures

**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 Soak up with inert absorbent material (e.g. sand, silica gel,



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containment and cleaning up 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 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

place

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Electrical installations / working materials must comply with

the technological safety standards.

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

Contains no substances with occupational exposure limit values.

## 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

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.



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

Appearance : liquid

Colour : greenish-blue

Odour : No data available

pH : 7.0 - 8.40

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

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



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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.

tions

Possibility of hazardous reac- : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

Incompatible materials : Not applicable

Hazardous decomposition

products

: No hazardous decomposition products are known.

#### **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: > 20 mg/l

> Exposure time: 4 h Test atmosphere: vapour Method: Calculation method

: Acute toxicity estimate: > 5,000 mg/kg Acute dermal toxicity

Method: Calculation method

# **Components:**

# SODIUM DODECYL BENZENE SULFONATE (LINEAR):

: LD50 (Rat, male and female): 650 mg/kg Acute oral toxicity

: Remarks: No data available Acute inhalation toxicity

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

Method: OECD Test Guideline 402

**Sodium Laureth Sulfate:** 

Acute oral toxicity : LD50 (Rat): 1,600 mg/kg

Method: No information available.

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

Exposure time: 4 h

Test atmosphere: dust/mist Method: Acute toxicity estimate



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

Method: Acute toxicity estimate

Lauramidopropylamine Oxide:

Acute oral toxicity : Acute toxicity estimate: 500 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LC50 (Rat): > 2,000 mg/kg

Method: OECD Test Guideline 402

**LINEAR ALKYL BENZENE DERIVS:** 

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

Method: Tested according to Annex V of Directive

67/548/EEC.

Acute inhalation toxicity : LC50 (Rabbit): > 1.82 mg/l

Exposure time: 4 h
Test atmosphere: vapour

Method: No information available.

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

Method: Tested according to Annex V of Directive

67/548/EEC.

Skin corrosion/irritation

Causes skin irritation.

**Components:** 

SODIUM DODECYL BENZENE SULFONATE (LINEAR):

Result : Irritating to skin.

Remarks : Extremely corrosive and destructive to tissue.

Sodium Laureth Sulfate:

Result : Skin irritation

Remarks : Extremely corrosive and destructive to tissue.

Lauramidopropylamine Oxide:

Result : Severe skin irritation

**LINEAR ALKYL BENZENE DERIVS:** 

Result : No skin irritation



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# Serious eye damage/eye irritation

Causes serious eye damage.

#### Components:

# SODIUM DODECYL BENZENE SULFONATE (LINEAR):

Result : Corrosive

Remarks : May cause irreversible eye damage.

**Sodium Laureth Sulfate:** 

Result : Risk of serious damage to eyes.

Remarks : May cause irreversible eye damage.

Lauramidopropylamine Oxide:

Result : Irreversible effects on the eye

LINEAR ALKYL BENZENE DERIVS:

Result : No eye irritation

# Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

## Respiratory sensitisation

Not classified based on available information.

#### **Components:**

# **SODIUM DODECYL BENZENE SULFONATE (LINEAR):**

Exposure routes : Inhalation

Remarks : No data available

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

**Sodium Laureth Sulfate:** 

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

# **Lauramidopropylamine Oxide:**

Exposure routes : Inhalation

Remarks : No data available



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Exposure routes : Dermal Species : Guinea pig

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

# **LINEAR ALKYL BENZENE DERIVS:**

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

# Germ cell mutagenicity

Not classified based on available information.

## **Components:**

#### SODIUM DODECYL BENZENE SULFONATE (LINEAR):

Genotoxicity in vitro : Test Type: reverse mutation assay

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Genotoxicity in vivo : Test Type: In vivo micronucleus test

Species: Mouse (male and female)

Application Route: Oral

Result: negative

## 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.

# STOT - repeated exposure

Not classified based on available information.



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# Repeated dose toxicity

# **Components:**

## SODIUM DODECYL BENZENE SULFONATE (LINEAR):

Species : Rat, male and female

NOAEL : 300 mg/kg

Application Route : Oral

Species : Rat, male
NOAEL : < 286 mg/kg
Application Route : Dermal

## **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**

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

# **SECTION 13. DISPOSAL CONSIDERATIONS**

## **Disposal methods**

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

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.



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Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

#### **SECTION 14. TRANSPORT INFORMATION**

DOT :

Not regulated

TDG

Not regulated

IATA :

Not regulated

IMDG :

Not regulated

IMDG EmS Number : Not applicable.

ADR :

Not regulated

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

## **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA 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

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

SARA 311/312 Hazards : Skin corrosion or irritation

Serious eye damage or eye irritation



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

tablished by SARA Title III, Section 313:

Galaxolide 1222-05-5

#### Clean Air Act

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

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

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

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

## **Clean Water Act**

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

SODIUM DODECYL 25155-30-0

BENZENE SULFONATE

(LINEAR)

SULFURIC ACID 7664-93-9 SODIUM HYDROXIDE 1310-73-2

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

SODIUM DODECYL 25155-30-0

BENZENE SULFONATE

(LINEAR)

SULFURIC ACID 7664-93-9 SODIUM HYDROXIDE 1310-73-2

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

# **US State Regulations**

## **Massachusetts Right To Know**

WATER	7732-18-5
SODIUM DODECYL BENZENE SULFONATE (LINEAR)	25155-30-0
Sodium Laureth Sulfate	9004-82-4
SUI FURIC ACID	7664-93-9

#### Pennsylvania Right To Know

WATER	7732-18-5
SODIUM DODECYL BENZENE SULFONATE (LINEAR)	25155-30-0
Sodium Laureth Sulfate	9004-82-4
SODIUM SULFATE	7757-82-6

#### The components of this product are reported in the following inventories:

TSCA : All ingredients in this product are listed on the TSCA Inventory

or are not required to be listed on the TSCA Inventory.



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#### **TSCA list**

No substances are subject to a Significant New Use Rule.

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 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



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#### **Further information**

#### NFPA 704:

# Health 3 0 Instability

Special hazard

# HMIS® IV:



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

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