

## Palmolive Men Rapid Shave Sensitive Foam + Aloe Vera

*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: 16.08.2019
1.2	26.08.2019	660000009093	Date of first issue: 14.08.2019

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Palmolive Men Rapid Shave Sensitive Foam + Aloe Vera

Product code : B06410080001  
: 200000032262

#### Manufacturer or supplier's details

Address : Colgate-Palmolive Pty Ltd., 345 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 : A formulated shaving product.

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye  
irritation Category 2A

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.

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**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

**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	>= 1 -< 3
BUTANE	106-97-8	>= 1 -< 3
LAURETH-23	9002-92-0	>= 1 -< 3
ISOBUTANE	75-28-5	>= 1 -< 3

**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.<br>If symptoms persist, call a physician.   |
| In case of skin contact                                     | : If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.  |
| In case of eye contact                                      | : Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed  | : Keep respiratory tract clear.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.   |
| Most important symptoms and effects, both acute and delayed | : Causes serious eye irritation.  |

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### 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 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.  
Avoid breathing dust.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.  
Avoid 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.

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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 : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
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.  
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
Glycerin	56-81-5	TWA (Mist)	10 mg/m <sup>3</sup>	AU OEL
Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica				
BUTANE	106-97-8	TWA	800 ppm 1,900 mg/m <sup>3</sup>	AU OEL
		STEL	1,000 ppm	ACGIH
ISOBUTANE	75-28-5	STEL	1,000 ppm	ACGIH

#### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Particulates type

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

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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	: aerosol
Colour	: white
pH	: No data available
Flash point	: 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

**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 method
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**Components:****Glycerin:**

Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	: (Rat, male): > 2.75 mg/l Exposure time: 4 h
Acute dermal toxicity	: LD50 (Rabbit): > 5,000 mg/kg

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Method: No information available.

**BUTANE:**

Acute oral toxicity : Remarks: Not applicable

Acute inhalation toxicity : LC50 (Mouse): 1,237 mg/l, 520 ppm  
Exposure time: 2 h  
Test atmosphere: gas  
Method: No information available.

Acute dermal toxicity : Remarks: Not applicable

**LAURETH-23:**

Acute oral toxicity : LD50 (Rat): 1,000 mg/kg  
Method: Expert judgement

Acute inhalation toxicity : LC50 (Rabbit): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402

**ISOBUTANE:**

Acute oral toxicity : Remarks: Not applicable

Acute inhalation toxicity : LC50 (Rabbit): 520 ppm  
Exposure time: 2 h  
Test atmosphere: gas  
Method: No information available.

Acute dermal toxicity : Remarks: Not applicable

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****Glycerin:**

Result : No skin irritation

**BUTANE:**

Remarks : No data available

**LAURETH-23:**

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Result : Severe skin irritation

**ISOBUTANE:**

Result : No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Components:****Glycerin:**

Result : No eye irritation

**BUTANE:**

Result : No eye irritation

**LAURETH-23:**

Result : Irreversible effects on the eye

**ISOBUTANE:**

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:****Glycerin:**

Exposure routes : Inhalation  
Remarks : No data available

Result : Dermal  
: Does not cause skin sensitisation.

**BUTANE:**

Exposure routes : Inhalation  
Remarks : No data available

Remarks : Dermal  
: No data available

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**LAURETH-23:**

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

**ISOBUTANE:**

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

**Chronic toxicity****Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**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 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
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna Straus): > 10,000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	Exposure time: Remarks: No data available

**BUTANE:**

Toxicity to fish	:	LC50 (Fish): 27.98 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 14.22 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): 7.71 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:

**LAURETH-23:**

Toxicity to fish	:	LC50 (Salmo salar (Atlantic salmon)): 1.5 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Gammarus fasciatus (freshwater shrimp)): 9.45 mg/l Exposure time: 24 h
Toxicity to algae/aquatic plants	:	ErC50 (Lemna minor (duckweed)): 20 mg/l Exposure time: 192 h
Toxicity to fish (Chronic toxicity)	:	NOEC: > 100 mg/l

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

**ISOBUTANE:**

Toxicity to fish : LC50 (Fish): 27.98 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 14.22 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): 7.71 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:

**Persistence and degradability****Components:****Glycerin:**

Biodegradability : Result: Readily biodegradable.

**BUTANE:**

Biodegradability : Result: Readily biodegradable.

**LAURETH-23:**

Biodegradability : Result: Not readily biodegradable.

**ISOBUTANE:**

Biodegradability : Result: Readily biodegradable.

**Bioaccumulative potential****Components:****Glycerin:**

Bioaccumulation : Remarks: No data available

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**BUTANE:**

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: 1.09

**LAURETH-23:**

Bioaccumulation : Bioconcentration factor (BCF): 47.98

Partition coefficient: n-octanol/water : log Pow: 86.50

**ISOBUTANE:**

Bioaccumulation : Bioconcentration factor (BCF): 30.76

Partition coefficient: n-octanol/water : log Pow: 1.09

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life.

**Components:****ISOBUTANE:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life.

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**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 chemical or used container.  
Send to a licensed waste management company.

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Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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**SECTION 14. TRANSPORT INFORMATION**

**ADG (Australian Dangerous Goods) 7.6** :

UN 1950 AEROSOLS, Class 2.2  
HazChem code: Not Applicable

**NZS (New Zealand's Standards) 5433** :

UN 1950 AEROSOLS, Class 2.2  
HazChem code: Not Applicable

**IATA** :

UN 1950 Aerosols, non-flammable, Class 2.2

**IMDG** :

UN 1950 AEROSOLS, Class 2.2  
Marine Pollutant: No

**ADR** :

UN 1950 AEROSOLS, Non-Flammable,  
Class 2, Division 2.2

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**SECTION 15. REGULATORY INFORMATION**

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

Standard for the Uniform : No poison schedule number allocated  
Scheduling of Medicines and  
Poisons

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Prohibition/Licensing Requirements : There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

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

AICS : 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 : 26.08.2019

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 / STEL : Short-term exposure limit

AU OEL / TWA : Exposure standard - time weighted average

AICS - Australian Inventory of Chemical Substances; 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; CPR - Controlled Products Regulations; 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 concern-

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ing 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; 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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