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Version 1.0 SDS Number: 660000002454 Revision Date: 22.03.2016

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : AJAX SPRAY N WIPE ANTIBACTERIAL ALL PURPOSE

**CLEANER SPRAY LEMON CITRUS** 

Product code : 200000042733

B02956470000

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 9 - 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 : Formulated all purpose cleaner for household use.

#### **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Serious eye damage/eye irri-

tation

: Category 2A

**GHS Label element** 

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.

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/ at-

tention.



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#### Other hazards which do not result in classification

No information available.

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

## **Hazardous components**

Chemical Name	CAS-No.	Concentration (% w/w)
L(+)-LACTIC ACID	79-33-4	< 10
SODIUM DODECYL BENZENE SULFONATE	25155-30-0	< 10
DIPROPYLENE GLYCOL BUTYL ETHER	29911-28-2	< 10

#### **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 : Move to fresh air in case of accidental inhalation of dust or

fumes from overheating or combustion. If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water.

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 swallowed : Clean mouth with water and drink afterwards plenty of water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and

delayed

: None known.

## **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Hazardous combustion prod-

ucts

: No hazardous combustion products are known

Specific extinguishing meth- : Standard procedure for chemical fires.



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ods

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up Neutralize with chalk, alkali solution or ammonia. Wipe up with absorbent material (e.g. cloth, fleece). 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 For personal protection see section 8.

No special handling advice required.

Hygiene measures : General industrial hygiene practice.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Materials to avoid : No special restrictions on storage with other products.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally re-

quired.

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Skin and body protection Protective suit

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



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Appearance : liquid

Colour : colourless

pH : 3.3

Flash point : > 200 °F

Density : 1.010 g/cm3

#### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

: No hazards to be specially mentioned.

Conditions to avoid : No data available

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

## **Acute toxicity**

**Product:** 

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg

Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Calculation method

**Components:** 

L(+)-LACTIC ACID:

Acute oral toxicity : LD50 (Rat): 3,730 mg/kg

Acute inhalation toxicity : LC50 (Rat): 7.94 mg/l

Exposure time: 4 h

Test atmosphere: No information available.

Method: No information available.

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

Method: No information available.

#### SODIUM DODECYL BENZENE SULFONATE:



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Acute oral toxicity : LD50 (Rat): 1,080 - 1,980 mg/kg

Method: No information available.

Acute inhalation toxicity : Remarks: No data available

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

Method: OECD Test Guideline 402

**DIPROPYLENE GLYCOL BUTYL ETHER:** 

Acute oral toxicity : LD50 (Rat): 3,160 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rabbit): > 2.04 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

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

Method: OECD Test Guideline 402

## Skin corrosion/irritation

#### **Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

## **Components:**

## L(+)-LACTIC ACID:

Result: Severe skin irritation

## **SODIUM DODECYL BENZENE SULFONATE:**

Result: Severe skin irritation

#### **DIPROPYLENE GLYCOL BUTYL ETHER:**

Result: No skin irritation

## Serious eye damage/eye irritation

#### **Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

## **Components:**

## L(+)-LACTIC ACID:

Result: Risk of serious damage to eyes.

#### **SODIUM DODECYL BENZENE SULFONATE:**

Result: Irritation to eyes, reversing within 21 days



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### **DIPROPYLENE GLYCOL BUTYL ETHER:**

Result: No eye irritation

#### Respiratory or skin sensitisation

**Product:** 

Remarks: No data available

#### **Components:**

## L(+)-LACTIC ACID:

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

#### SODIUM DODECYL BENZENE SULFONATE:

Exposure routes: Inhalation Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

#### **DIPROPYLENE GLYCOL BUTYL ETHER:**

Exposure routes: Inhalation Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

## **Chronic toxicity**

### **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**

### **Ecotoxicity**

#### Components:

L(+)-LACTIC ACID:



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Toxicity to fish : LC50 (Fish): 320 mg/l

Exposure time: 48 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia (water flea)): 240 mg/l

Exposure time: 48 h

: EC50 (Pseudokirchneriella subcapitata (green algae)): 3,500 Toxicity to algae

Exposure time: 72 h

Toxicity to fish (Chronic tox-

icity)

: No data available:

Toxicity to daphnia and other

aquatic invertebrates (Chron-

ic toxicity)

: No data available:

#### **SODIUM DODECYL BENZENE SULFONATE:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 1.67 mg/l

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 2.4 mg/l

Exposure time: 48 h

: EC50 (Selenastrum capricornutum (green algae)): 29 mg/l Toxicity to algae

Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

: NOEC (Lepomis macrochirus (Bluegill sunfish)): 1 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chron-

ic toxicity)

#### **DIPROPYLENE GLYCOL BUTYL ETHER:**

Toxicity to fish : LC50 (Poecilia reticulata (guppy)): 180 - 230 mg/l

: No data available:

Exposure time: 96 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): > 100 mg/l

Exposure time: 48 h

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 519

ma/l

Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

: No data available:

Toxicity to daphnia and other

aquatic invertebrates (Chron-

ic toxicity)

: No data available:



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### Persistence and degradability

**Components:** 

L(+)-LACTIC ACID:

Biodegradability : Result: Biodegradable

**SODIUM DODECYL BENZENE SULFONATE:** 

Biodegradability : Result: Readily biodegradable

**DIPROPYLENE GLYCOL BUTYL ETHER:** 

Biodegradability : Result: Readily biodegradable

Bioaccumulative potential

Components:

L(+)-LACTIC ACID:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-

octanol/water

: log Pow: -0.65

**SODIUM DODECYL BENZENE SULFONATE:** 

Bioaccumulation : Bioconcentration factor (BCF): 130

**DIPROPYLENE GLYCOL BUTYL ETHER:** 

: Bioconcentration factor (BCF): 2.58 Bioaccumulation

Partition coefficient: n- : log Pow: 1.52

octanol/water

Mobility in soil

No data available

Other adverse effects

**Product:** 

mation

Additional ecological infor- : There is no data available for this product.

#### **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** 

Waste from residues : Offer surplus and non-recyclable solutions to a licensed dis-

posal company.

Contaminated packaging : Empty remaining contents.

Empty containers should be taken to an approved waste han-

dling site for recycling or disposal.



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

**DOT** : Not regulated.

**TDG**: Not regulated.

**IATA** : Not regulated.

**IMDG**: Not regulated.

ADR: NOT REGULATED.

#### International Regulation

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**

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 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**

#### Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CPR -



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Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized 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; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; 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; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT -Persistent, Bioaccumulative and Toxic substance; 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; TDG - Transportation of Dangerous Goods; 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; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice

Date format : dd.mm.yyyy

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