



AJAX ALL PURPOSE CLEANER LIQUID LEMON FRESH SCENT

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 1.0

SDS Number: 660000000396

Revision Date: 05/22/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : AJAX ALL PURPOSE CLEANER LIQUID LEMON FRESH SCENT

Product code : 200000036608

: B02951090000

Manufacturer or supplier's details

Company : Colgate-Palmolive Co
300 Park Avenue
New York, NY 10022

Telephone : US: Consumer Affairs - 1-800-468-6502

Emergency telephone number : For emergencies involving spill, leak, fire, exposure or accident call CHEMTREC (24hr) at (800) 424-9300 or (703) 527-3887.

Medical Emergency (24HR): For MEDICAL EMERGENCIES involving this product call: (888) 489-3861

Recommended use of the chemical and restrictions on use

Recommended use : A formulated multi-purpose cleaner

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	yellow

GHS Classification

Skin irritation : Category 2

Serious eye damage : Category 1

Skin sensitisation : Category 1

GHS Label element

Hazard pictograms :





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Signal word	: Danger
Hazard statements	: H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
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 eye protection/ face protection. P280 Wear protective gloves. 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 or doctor/ physician. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

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.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen 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.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
SODIUM XYLENE SULFONATE	1300-72-7	>= 5 - < 10
SODIUM CARBONATE	497-19-8	>= 1 - < 5



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DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	>= 1 - < 5
(C10-C16) Alkylbenzenesulfonic acid	68584-22-5	>= 1 - < 5
FATTY ALCOHOL, C10-16, ETHOXYLATED	68002-97-1	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

Most important symptoms and effects, both acute and delayed : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products : No hazardous combustion products are known

Special protective equipment for firefighters : Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protection recommended in Section 8 of the SDS.

Methods and materials for containment and cleaning up : Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

SECTION 7. HANDLING AND STORAGE

Conditions for safe storage : Store at controlled room temperature at 20-25°C (68-77°F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	TWA (Inhalable fraction and vapor)	10 ppm	ACGIH

Engineering measures : In an industrial work environment, no special precautions or control measures are required.



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Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Protective measures : In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective gloves. For consumer use, no unusual precautions are necessary.
- Hygiene measures : In an industrial work environment, avoid eye and prolonged skin contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : yellow
- pH : 7.0
- Flash point : > 100 °C
No data available

SECTION 10. STABILITY AND REACTIVITY

- Possibility of hazardous reactions : Hazardous polymerisation does not occur.
- Incompatible materials : Strong oxidizing agents
- Hazardous decomposition products : None 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 : > 10 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method
- Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg



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Method: Calculation method

Components:

SODIUM XYLENE SULFONATE:

Acute oral toxicity : LD50 (Rat): > 7,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rabbit): > 6.41 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: No information available.

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

SODIUM CARBONATE:

Acute oral toxicity : LD50 (Rat): 2,800 mg/kg

Acute inhalation toxicity : LC50 (Rabbit): 2.3 mg/l
Exposure time: 2 h
Test atmosphere: No information available.
Method: No information available.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Method: No information available.

DIETHYLENE GLYCOL MONOBUTYL ETHER:

Acute oral toxicity : LD50 (Rat): 2,410 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): 2,764 mg/kg
Method: OECD Test Guideline 402

(C10-C16) Alkylbenzenesulfonic acid:

Acute oral toxicity : LD50 (Rat): 1,460 mg/kg
Method: No information available.

Acute inhalation toxicity : LC50 (Rabbit): > 1.9 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: OECD Test Guideline 402

FATTY ALCOHOL, C10-16, ETHOXYLATED:

Acute oral toxicity : Remarks: Not applicable

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available



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Skin corrosion/irritation

Causes skin irritation.

Components:

SODIUM XYLENE SULFONATE:

Result: Mild skin irritation

SODIUM CARBONATE:

Remarks: No data available

DIETHYLENE GLYCOL MONOBUTYL ETHER:

Result: Mild skin irritation

(C10-C16) Alkylbenzenesulfonic acid:

Result: Corrosive after 1 to 4 hours of exposure

FATTY ALCOHOL, C10-16, ETHOXYLATED:

Result: Severe skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Components:

SODIUM XYLENE SULFONATE:

Result: Irritation to eyes, reversing within 7 days

SODIUM CARBONATE:

Result: Irritation to eyes, reversing within 21 days

DIETHYLENE GLYCOL MONOBUTYL ETHER:

Result: Irritation to eyes, reversing within 21 days

(C10-C16) Alkylbenzenesulfonic acid:

Result: Irreversible effects on the eye

FATTY ALCOHOL, C10-16, ETHOXYLATED:

Result: Irreversible effects on the eye

Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

Components:

SODIUM XYLENE SULFONATE:

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

SODIUM CARBONATE:

Exposure routes: Inhalation

Remarks: No data available



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Exposure routes: Dermal
Remarks: No data available

DIETHYLENE GLYCOL MONOBUTYL ETHER:

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

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

(C10-C16) Alkylbenzenesulfonic acid:

Exposure routes: Inhalation
Remarks: No data available

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

FATTY ALCOHOL, C10-16, ETHOXYLATED:

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.

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 3 of the SDS.



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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 : Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environment agency for specific rules). Do not dump in sewers, any body of water or on the ground.

SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated.

TDG : Not regulated.

IATA : Not regulated.

IMDG : 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

OSHA Hazards : Harmful by ingestion., Severe skin irritant, Severe eye irritant, Moderate respiratory irritant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric Acid	7664-93-9	1000	*



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Sulfuric Acid	7664-93-9	100	*
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*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric Acid	7664-93-9	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

DIETHYLENE GLYCOL 112-34-5
MONOBUTYL ETHER

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

DIETHYLENE GLYCOL 112-34-5
MONOBUTYL ETHER

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 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

DIETHYLENE GLYCOL 112-34-5
MONOBUTYL ETHER

Clean Water Act

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

Sulfuric Acid SULFURIC ACID

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

Sulfuric Acid SULFURIC ACID

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

Sulfuric Acid SULFURIC ACID

Pennsylvania Right To Know

WATER Water
SODIUM XYLENE SULFONATE 1300-72-7
SODIUM CARBONATE 497-19-8
DIETHYLENE GLYCOL MONOBUTYL ETHER 112-34-5



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SODIUM SULFATE

7757-82-6

Sulfuric Acid

SULFURIC
ACID

New Jersey Right To Know

WATER

Water

SODIUM XYLENE SULFONATE

1300-72-7

SODIUM CARBONATE

497-19-8

DIETHYLENE GLYCOL MONOBUTYL

112-34-5

ETHER

(C10-C16) Alkylbenzenesulfonic acid

68584-22-5

California Prop 65

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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.

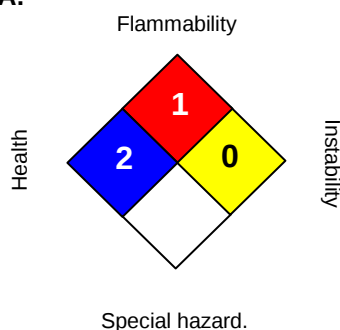
Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Disclaimer: The information on this sheet is limited to the material identified and is believed by the Colgate-Palmolive Company to be correct based on its knowledge and information as of the date noted. Colgate makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.