

MATERIAL SAFETY DATA SHEET
COLGATE-PALMOLIVE COMPANY

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ACUTE HEALTH 1 FIRE 2 REACTIVITY 0 HMIS LEAST-0 SLIGHT-1 MODERATE-2
HAZARD RATING: HIGH - 3 EXTREME - 4

PRODUCT NAME: AJAX DISHWASHING LIQUID
AJAX DISHWASHING LIQUID with LEMON JUICE

STOCK #/UPC#: 45300, 44401, 44600,
CAS NUMBER: Not applicable; product is a mixture.

GENERAL USE: Both products are formulated liquid detergents for hand dishwashing. Packaged in 12 oz. (#45300), 22 oz. (#44401), 42 oz. (#444600) size.

COLGATE-PALMOLIVE COMPANY 300 Park Avenue
New York, NY 10022

For consumer information: Call (800-221-4607)

EMERGENCY TELEPHONE NUMBER: For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC: (800) 424-9300, day or night.

THE PITTSBURGH POISON CENTER HAS BEEN PROVIDED SPECIFIC INFORMATION FOR USE IN MEDICAL EMERGENCIES INVOLVING THIS PRODUCT:
CALL COLLECT: (412) 692-5596.

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS (present at a concentration \geq 1%):

Component	CAS #	%	PEL	TLV
Ethyl Alcohol	00064-17-5	4.0	1900 mg/m ³	1880 mg/m ³

The specific chemical identities of the ingredients of this mixture are considered by Colgate to be trade secrets and are withheld in accordance with the provisions of 29 CFR 1910.1200.

The following components, present at a concentration \geq 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

Component	CAS #	%	PEL	TLV
None				

3. HAZARDS IDENTIFICATION

THIS MIXTURE HAS NOT BEEN TESTED AS A WHOLE

POTENTIAL HEALTH EFFECTS :

EYE CONTACT: Eye irritant upon direct contact.

SKIN CONTACT: May cause skin irritation upon prolonged contact.

INGESTION: Nausea, vomiting and diarrhea.

INHALATION: Not known.

Medical Conditions Generally Aggravated by Exposure: Not Known

4. FIRST AID MEASURES

EYE CONTACT: Flush eye with large amounts of warm water for 15 minutes. If irritation persists, call your poison center or doctor.

SKIN CONTACT: No problem expected, but if skin irritation occurs, discontinue use of product unless precautionary measures are used (rubber or plastic gloves).

INGESTION: If you eat or drink this product, you may throw up. Drink sips of water or milk. If vomiting continues, call your poison center or doctor.

INHALATION: Expect no problems.

5. FIRE FIGHTING MEASURES

Flash Point (Method): 136°F (Tag closed cup)

Although this product has a flash point below 200 °F (closed cup), it is an aqueous solution containing ethyl alcohol which does not sustain combustion.

Extinguishing Media: Use water, CO₂, Foam, Dry Chemicals (For case lots of product exposed to fire).

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Small spills can be wiped up with a cloth, paper or standard absorbents (Sawdust, vermiculite) or vacuumed up. Rinse area thoroughly with water, be alert for slippery surfaces.

7. HANDLING AND STORAGE

Store in a cool dry place (40°F to 125°F).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Work/ Hygiene Practices: Avoid contact with skin and eyes. Under normal conditions of product use, no special protection for eyes/skin is required. Prolonged daily hand dishwashing with any detergent may cause irritation of the hands. Use of rubber or plastic gloves is recommended in such instances.

DO NOT USE WITH CHLORINE BLEACH to avoid irritating fumes.

KEEP OUT OF THE REACH OF CHILDREN.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable: Evaporation Rate: Not Applicable
Specific Gravity: 1.04 + 0.2 g/cc Solubility in Water: Very Soluble
Vapor Pressure: Not Applicable Appearance/Odor: Soap/Fragrant
pH (1% Solution) =5.1+ 0.3

10. STABILITY AND REACTIVITY

GENERAL: This product is stable.

INCOMPATIBLE MATERIALS: None Known.

HAZARDOUS DECOMPOSITION: None known.

11. TOXICOLOGICAL INFORMATION

This product has not been tested as whole. It is expected to cause nausea, vomiting and diarrhea if ingested. It is an eye irritant and may cause skin irritation upon prolonged contact.

Toxicity data for components of this material are available by calling (908) 878-7772.

12. ECOLOGICAL INFORMATION

Not known.

13. DISPOSAL CONSIDERATIONS

Preferred method is to use the product for indicated purposes. Empty

containers may be disposed as conventional waste.

The RCRA Hazardous Waste Number for this product is D 001 based on the characteristic of ignitability (40 CFR 261.21)

14. TRANSPORTATION

Non Bulk Containers (<118 gallons)

Consumer Commodity ORM-D

Quantity limitations: Passenger aircraft or railcar 1L

Cargo aircraft only: 30L

Bulk Containers (> 118 gallons)

Flammable liquid, NOS, 3, UN 1993, PG 11

Avoid excessive heat, open flames or other sources of ignition.

15. REGULATORY INFORMATION

OSHA:

Considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

RCRA (40 CFR 261, Subpart D):

The RCRA Hazardous Waste Number for this product is D 001 based on the characteristic of ignitability (40 CFR 261.21)

CLEAN WATER ACT:

Section 311 (Hazardous Substances) 40 CFR Part 116.4

Sodium dodecylbenzenesulfonate (4.3%) is a Section 311 listed hazardous chemical.

CLEAN AIR ACT:

Section 111 -112 (CFR 60-63)

This product contains Ethyl Alcohol(4.3%) which is listed in Section 111 as a Volatile Organic Compound.

SARA:

Sections 301-304 (Threshold planning quantity - TPQ) 40 CFR 355:

No TPQ for any OSHA regulated component .

Sections 311-312 (Community Right to Know) 40 CFR 370

The TRQ (Threshold reporting quantity) for this product is 10,000lbs.

Section 313 (Toxic chemical release reporting) 40 CFR 372:

The following chemicals must be reported when released:

Not applicable to any OSHA regulated component .

CERCLA:

Section 102 (Reportable Quantity - RQ) 40 CFR 302:

The reportable quantity (RQ) for this product to the environment is 8 lbs.

based on the presence of glycol ethers (11.4%) . The RQ for Sodium

dodecylbenzenesulfonate (4.3%) is 23,255 lbs. . Releases greater than or equal

to 8 lbs. must be reported to the National Response Center (NCR) immediately:
(800) 424-8802.

New Jersey Right to Know Hazardous Substance List : This product contains the following OSHA regulated components subject to reporting requirements: Ethyl Alcohol (4.0%), Sodium dodecylbenzenesulfonate (4.3%)

Pennsylvania Hazardous Substance List: This product contains the following OSHA regulated components subject to reporting requirements: Ethyl Alcohol (4.0%)

Massachusetts Substance List: This product contains the following OSHA regulated components subject to reporting requirements: Ethyl Alcohol (4.0%), Sodium dodecylbenzene sulfonate (4.3%)

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) : This product contains the following OSHA regulated components subject to reporting requirements: None

Canada:

Workplace Hazardous Materials Information System (WHMIS) listed material.

This product contains the following OSHA regulated components subject to reporting requirements:

Ethyl Alcohol (4.0%), Sodium dodecylbenzenesulfonate (4.3%)

16. OTHER INFORMATION

LABEL: CAUTION: DO NOT USE WITH CHLORINE

This MSDS was revised 08-26-94

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 warrantee, 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.