



AJAX PALMOLIVE REGULAR DISH WASHING LIQUID & ANTIBACTERIAL HAND SOAP ORANGE

This industrial Material 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.

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: AJAX PALMOLIVE REGULAR DISH WASHING LIQUID & ANTIBACTERIAL HAND SOAP ORANGE

CAS Number: Not applicable - product is a mixture.

COLGATE-PALMOLIVE COMPANY
300 Park Avenue
New York NY 10022

Emergency Telephone:
For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC (800) 424-9300, day or night

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

General Use: A formulated mixture for consumer goods

2 HAZARDS IDENTIFICATION

Emergency Overview

Appearance: Orange liquid

Odor: Citrus

Potential Health Effects

Inhalation: Causes respiratory tract irritation.

Eye Contact: Causes severe eye irritation on direct contact.

Skin Contact: Causes skin irritation upon prolonged contact. May cause allergic reaction.

Ingestion: May be harmful if swallowed in large quantities.

3 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA-REGULATED COMPONENTS (present at a concentration of > or = 1%)

| Chemical Name | CAS-No. | Concentration* |
|---------------|---------|----------------|
|---------------|---------|----------------|

AJAX PALMOLIVE REGULAR DISH WASHING
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ORANGE

| | | |
|---|------------|---------|
| Magnesium dodecylbenzenesulphonate | 27479-45-4 | 5 - 10% |
| Sodium dodecyl benzene sulfonate (linear) | 25155-30-0 | 1 - 5% |
| Ethanol (Ethyl alcohol) | 64-17-5 | 1 - 5% |
| Sodium xylene sulphonate | 1300-72-7 | 1 - 5% |

* All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Listed Carcinogens:

The following components, present at a concentration of > or = 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), OSHA or ACGIH: None.

4 FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Get medical attention if symptoms persist.

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention if irritation persists.

Skin Contact: Flush skin thoroughly with water. Get medical attention promptly if symptoms persist or occur after washing.

Ingestion: Drink 8 ounces of clear water. Get medical attention.

5 FIRE-FIGHTING MEASURES

Flammable Properties: Not flammable. However, during fire, gases hazardous to health may be formed.

Extinguishing Media: Water spray, all-purpose dry chemical

Special Fire Fighting Procedures: Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

NFPA Rating Fire = 1.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8 of the MSDS.

Spill Cleanup Methods: Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

7 HANDLING AND STORAGE

Store at controlled room temperature at 20–25 °C (68-77°F).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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ORANGE

General Hygiene Considerations: In an industrial work environment avoid eye and prolonged skin contact.

Personal Protective Equipment: 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.

Exposure Guidelines:

| Chemical Name | CAS No. | Source | Type | Exposure Limits | Notes |
|-------------------------|---------|------------------|------|---------------------------------|-------|
| Ethanol (Ethyl alcohol) | 64-17-5 | US. ACGIH TLV | TWA | 1000 ppm | |
| Ethanol (Ethyl alcohol) | 64-17-5 | US. OSHA Z-1 PEL | TWA | 1900 mg/m ³ 1000 ppm | |

Consult local authorities for recommended exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Orange liquid

Odor: Citrus

pH: 6.5 - 7.3

Boiling Point (Initial): No data available.

Flash Point (Method): No data available.

Specific Gravity or Relative Density: No data available.

Solubility in Water: Miscible with water.

Viscosity: 300 cps - 700 cps

10 STABILITY AND REACTIVITY

General: This product is stable. Hazardous polymerization will not occur.

Incompatible Materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: None known.

11 TOXICOLOGICAL INFORMATION

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 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 MSDS.

12 ECOLOGICAL INFORMATION

There is no ecological information available at this time.

13 DISPOSAL CONSIDERATIONS

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

RCRA Information: Not regulated.

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| 14 | TRANSPORT INFORMATION |
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DOT Not regulated.

TDG Not regulated.

IATA Not regulated.

IMDG Not regulated.

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| 15 | REGULATORY INFORMATION |
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US Regulations

TSCA Section 8(b): All ingredients are either listed or exempt from listing on TSCA.

CERCLA Hazardous Substance List (40 CFR 302.4):

| Chemical Name | RQ |
|---|----------|
| Sodium dodecyl benzene sulfonate (linear) | 1000 lbs |
| Methanol | 5000 lbs |
| Ethanol (Ethyl alcohol) | 100 lbs |
| Formaldehyde | 100 lbs |
| Sodium bisulfite | 5000 lbs |

SARA

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A):

| Chemical Name | RQ | TPQ |
|---------------|---------|---------|
| Formaldehyde | 100 lbs | 500 lbs |

Section 313 Toxic Release Inventory (40 CFR 372): Not regulated.

Clean Air Act

Clean Air Act 111 Standards of Performance for New Stationary Sources: Methanol; Ethyl alcohol; Formaldehyde

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Formaldehyde

Clean Water Act

Clean Water Act Section 307(a)(1) Toxic Pollutants: Not regulated.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): Sodium dodecyl benzene sulfonate (linear); Formaldehyde; Sodium bisulfite

RCRA Information: Not regulated.

State Regulations

New Jersey Right-To-Know List: Ethanol (Ethyl alcohol); Sodium dodecyl benzene sulfonate (linear)

Pennsylvania Right-To-Know List: Ethanol (Ethyl alcohol); Formaldehyde; Sodium dodecyl benzene sulfonate (linear)

Massachusetts Right-To-Know List: Ethanol (Ethyl alcohol); Formaldehyde; Sodium dodecyl benzene sulfonate (linear)

Canada

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information.

Canada; Workplace Hazardous Materials Information System (WHMIS) Listed Material: Magnesium dodecylbenzenesulphonate, Sodium dodecyl benzene sulfonate (linear), Ethanol (Ethyl alcohol), Sodium xylene sulphonate

In accordance with OSHA 29 CFR 1910.1048 formaldehyde is not listed in Section 3 of this MSDS however, formaldehyde is regulated by State and Federal regulations at varying concentrations. State and Federal Regulatory information can be found above in Section 15.

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| 16 | OTHER INFORMATION |
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Supersedes Date: 11-Aug-2008

SDS No.: 2*7175

MSDS Status: Revised

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.