COLGATE-PALMOLIVE Company
MATERIAL SAFETY DATA SHEET

Palmolive Regular 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.

Version 1.0	Revision Date 04/08/2011	Print Date 04/08/2011

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Palmolive Regular Orange
MSDS Number 200000009811
CAS-No. : Not applicable - product is a mixture
General Use : A formulated dishwashing liquid

Company : Colgate-Palmolive Co
300 Park Avenue
New York, NY 10022
Telephone :
Emergency telephone number : 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

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Form : Liquid
Appearance : Orange
Odour : Characteristic

Potential Health Effects

Eye contact : Causes eye irritation on direct contact.

Skin contact : May cause skin irritation upon prolonged contact.

Inhalation : Overexposure may cause respiratory tract irritation.

Ingestion : Harmful if swallowed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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

Chemical Name	CAS-No.	Concentration *
LAURAMIDOPROPYLDIMETHYLAMINE OXIDE	61792-31-2	1.00 - 5.00
MAGNESIUM SULFATE HEPTAHYDRATE	10034-99-8	1.00 - 5.00
MYRISTAMIDOPROPYLAMINE OXIDE	67806-10-4	1.00 - 5.00

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

Carcinogenicity:

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

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.
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.
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.
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.

SECTION 4. FIRST AID MEASURES

First aid procedures

Eye contact	:	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin contact	:	Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
Inhalation	:	Remove victim to fresh air. Get medical attention, if symptoms persist.
Ingestion	:	Drink 8 ounces of clear water. Get medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point	:	124 °F (51 °C)

Fire fighting

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

Protective equipment and precautions for firefighters

Special protective	:	Self-contained breathing apparatus and full protective clothing

equipment for fire-fighters should be worn when fighting chemical fires.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Methods for containment / Methods for 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

Storage

Requirements for storage areas and containers : Store at controlled room temperature at 20-25°C (68-77°F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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

Personal protective equipment

Protective measures : In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective goggles. For consumer use, no unusual precautions are necessary.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Appearance : Orange

Odour : Characteristic

Flash point : 124 °F (51 °C)

pH : Note: no data available

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid : Remarks: Strong oxidizing agents

Hazardous decomposition products : Note: None known.

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 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 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.

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 Occupational 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

Further information : 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.

SECTION 15. REGULATORY INFORMATION

US Regulations

SARA

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

CERCLA Hazardous Substance List (40 CFR 302.4) - Reportable Quantity :

Clean Air Act

Clean Air Act 111 Standards of Performance for New Stationary Sources : FORMALDEHYDE

Clean Water Act

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3) : FORMALDEHYDE

State Regulations

Massachusetts Right-To-Know List : FORMALDEHYDE

New Jersey Right-To-Know List : WATER

C12-13 ALCOHOL EO 2:1 SODIUM SULFATE

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE

MAGNESIUM SULFATE HEPTAHYDRATE

MYRISTAMIDOPROPYLAMINE OXIDE

Pennsylvania Right-To-Know List : WATER

C12-13 ALCOHOL EO 2:1 SODIUM SULFATE

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE

Canada

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

Other Information

SECTION 16. OTHER INFORMATION

Further information

MSDS Number : 200000009811

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.