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.

Revision Date 10/04/2012 Version 1.5 Print Date 10/08/2012

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : COLGATE PERIOGARD ORAL RINSE

MSDS Number 200000004757

CAS-No. Not applicable - product is a mixture

General Use Pharmaceutical

Company Colgate Oral Pharmaceuticals

> 300 Park Avenue New York, NY 10022

Telephone

Emergency telephone For emergencies involving spill, leak, fire, exposure or number

accident call CHEMTREC (24hr) at (800) 424-9300 or

(703) 527-3887.

Medical Emergency For MEDICAL EMERGENCIES involving this product call:

(888) 489-3861 (24HR):

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Form : Liquid Appearance : Light blue Odour : Minty odor

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 : May be harmful if swallowed in large quantities.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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

Chemical Name	CAS-No.	Concentration *
ETHANOL (ETHYL ALCOHOL)	64-17-5	5.00 - 10.00
GLYCERIN	56-81-5	5.00 - 10.00



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 1.5 Revision Date 10/04/2012 Print Date 10/08/2012

*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. FIREFIGHTING MEASURES

Flammable properties

Flash point : $167 \,^{\circ}\text{F} \, (75 \,^{\circ}\text{C})$

Fire fighting

Suitable extinguishing

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

media

Protective equipment and precautions for firefighters

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

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 1.5 Revision Date 10/04/2012 Print Date 10/08/2012

equipment for firefighters 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

Components with workplace control parameters

Chemical Name	CAS- No.	Value	Exposure Limits	Source	Notes
ETHANOL (ETHYL ALCOHOL)	64-17-5	STEL	1,000 ppm	ACGIH	
		REL	1,000 ppm 1,900 mg/m3	NIOSH/GUIDE	
		PEL	1,000 ppm 1,900 mg/m3	OSHA_TRANS	
		TWA	1,000 ppm 1,900 mg/m3	Z1A	

Components with workplace control parameters

Chemical Name	CAS- No.	Value	Exposure Limits	Source	Notes
GLYCERIN	56-81-5	TWA	10 mg/m3	ACGIH	Mist.



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 1.5 Revision Date 10/04/2012 Print Date 10/08/2012

	PEL	15 mg/m3	OSHA_TRANS	Total dust.
	PEL	5 mg/m3	OSHA_TRANS	Respirable fraction.
	TWA	10 mg/m3	Z1A	Total dust.
	TWA	5 mg/m3	Z1A	Respirable fraction.

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 gloves. 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 : Light blue

Odour : Minty odor

Flash point : $167 \,^{\circ}\text{F} \, (75 \,^{\circ}\text{C})$

pH : 5.0 - 7.0

Density : 1.005 g/cm3

Viscosity, dynamic : Note: similar to water

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid : Remarks: Strong oxidizing agents



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 1.5 Revision Date 10/04/2012 Print Date 10/08/2012

Hazardous decomposition

products

Hazardous reactions

: Note: None known.

: 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

No data available

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

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 1.5 Revision Date 10/04/2012 Print Date 10/08/2012

SARA

Section 302 Extremely Hazardous

Substances (40 CFR 355, Appendix A)

: Not listed

Section 313 Toxic Release Inventory

(40 CFR 372)

: Not listed

CERCLA Hazardous Substance List

(40 CFR 302.4) - Reportable Quantity

: 1010101 lbs

SODIUM SACCHARIN

Clean Air Act

Clean Air Act 111 Standards of Performance for New Stationary

Sources

: ETHANOL (ETHYL ALCOHOL)

GLYCERIN

Clean Water Act

State Regulations

Massachusetts Right-To-

Know List

: ETHANOL (ETHYL ALCOHOL)

GLYCERIN

SODIUM SACCHARIN

New Jersey Right-To-

Know List

: WATER

ETHANOL (ETHYL ALCOHOL)

GLYCERIN

Pennsylvania Right-To-

Know List

: WATER

ETHANOL (ETHYL ALCOHOL)

GLYCERIN

<u>Canada</u>

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 1.5 Revision Date 10/04/2012 Print Date 10/08/2012

Canadian Workplace Hazardous Materials Information System (WHMIS) Listed Material

: ETHANOL (ETHYL ALCOHOL)

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 : 200000004757

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.