

1. Product and Company Identification

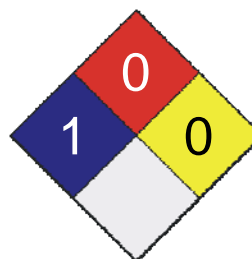
Product Name CEPAOL® Antibacterial Mouthwash - Mint
CAS # Mixture
This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the Canadian Workplace Hazardous Materials Information System (WHMIS).
This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

Product Use Mouthwash gargle

Distributed by Reckitt Benckiser (Canada) Inc.
 1680 Tech Avenue Unit #2
 Mississauga, ON L4W 5S9
 In Case of Emergency: 1-800-338-6167
 Transportation Emergencies: 24 Hour Number:
 North America: CHEMTREC: 1-800-424-9300
 Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	



2. Hazards Identification

Emergency Overview This product is regulated by Health Canada as a personal care cosmetic. Extensive testing has been completed to show that it is safe and effective when used as directed.

CAUTION: Do not swallow. Children from 6 to 12 years: Supervise use. Not for use by children under 6. Keep out of the reach of children. In case of accidental ingestion, contact a physician or poison control center immediately.

Keep out of reach of children.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.
Eyes May cause eye irritation upon direct contact with the eyes.
Skin There is no known adverse effect from exposure to the recommended use of this product.
Inhalation There is no known adverse effect from exposure to the recommended use of this product.
Ingestion Do not swallow.
 May cause stomach distress, nausea or vomiting.

Target organs

Not applicable.

Chronic effects

The finished product is not expected to have chronic health effects.

Signs and symptoms

There are no hazards associated with this product in normal use.

Potential environmental effects

See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Cetylpyridinium chloride	6004-24-6	0 - 0.1
Alcohol	64-17-5	10 - 30
Glycerin	56-81-5	3 - 7

4. First Aid Measures

First aid procedures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower eyelids. Obtain medical attention if irritation persists.
Skin contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion	Do not swallow. In case of accidental ingestion, contact a physician or poison control center immediately.

Notes to physician

Symptoms may be delayed.

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties Combustible by WHMIS criteria.

Extinguishing media

Suitable extinguishing media	Water spray. Dry chemical. Carbon dioxide. Alcohol foam.
Unsuitable extinguishing media	Not available

Protection of firefighters

Specific hazards arising from the chemical Not available

Protective equipment for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

Explosion data

Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Do not touch or walk through spilled material.

Environmental precautions Do not discharge into lakes, streams, ponds or public waters. Advise authorities if product has penetrated drains, sewers or water pipes.

Methods for containment Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

7. Handling and Storage

Handling Ensure adequate ventilation.
Use good industrial hygiene practices in handling this material.
Use according to package label instructions.
TO OPEN SAFETY CAP: Remove printed seal. Squeeze both raised finger pads and continue to squeeze while turning. TO CLOSE: Turn cap until it locks completely.

TAMPER EVIDENT FEATURE: Do not use if imprinted neck band is missing or broken.

Storage

Store between 15°C and 30°C.
 Keep container tightly closed.
 Keep out of reach of children.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
Alcohol	ACGIH-TLV TWA: 1000 ppm STEL: 1000 ppm
Cetylpyridinium chloride	ACGIH-TLV Not established
Glycerin	ACGIH-TLV TWA: 10 mg/m ³

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.

Eye / face protection

Not normally required when used as directed. Emergency responders should wear full eye and face protection.

Hand protection

Not normally required.
Emergency responders should wear impermeable gloves.

Skin and body protection

As required by employer code.

Respiratory protection

Not normally required.

General hygiene considerations

Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Clear
Colour	Green
Form	aqueous solution
Odour	Alcohol
Odour threshold	Not available
Physical state	Liquid
pH	Not available
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	42.4 °C (108.32 °F)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Solubility (H₂O)	Miscible

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals. Excessive heat.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Alcohol	31623 ppm rat
Cetylpyridinium chloride	Not available
Glycerin	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Alcohol	3450 mg/kg mouse; 7060 mg/kg rat
Cetylpyridinium chloride	Not available
Glycerin	Not available

Effects of acute exposure

Eye	May cause eye irritation upon direct contact with the eyes.
Skin	There is no known adverse effect from exposure to the recommended use of this product.
Inhalation	There is no known adverse effect from exposure to the recommended use of this product.
Ingestion	Do not swallow. May cause stomach distress, nausea or vomiting.
Sensitisation	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	The finished product is not expected to have chronic health effects.
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	See below
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	
Alcohol	64-17-5 96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through]
Glycerin	56-81-5 96 Hr LC50 Oncorhynchus mykiss: 51 - 57 mL/L [static]
Ecotoxicity - Water Flea - Acute Toxicity Data	
Alcohol	64-17-5 48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]
Glycerin	56-81-5 24 Hr EC50 Daphnia magna: >500 mg/L
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available

Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations. Do not dispose of large quantities down the drain.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

UN/ID No. UN 1170, Ethanol Solution, Class 3, PG III, Limited Quantity, Flashpoint - 108.3 F - 42.4 C

Alcohol Content less than 24%, Water content greater than 50%, No other dangerous goods in the formulation.

U.S. Department of Transportation (DOT)

Not regulated by DOT (U.S.A.)- reference § 173.150 (e)

Transportation of Dangerous Goods (TDG - Canada)

Not Regulated by TDG, Reference, TDG 1.36 (b)

IMDG (Marine Transport)

Not regulated - Reference IMDG Code Special Provision 144

IATA/ICAO (Air)

Not Regulated - reference IATA Special Provision A58

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Product Registration: Notified cosmetic

All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Canada - WHMIS - Ingredient Disclosure List

Alcohol 64-17-5 0.1 %

WHMIS classification Exempt - Notified cosmetic under the Food & Drugs Act

Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information CEPACOL® Antibacterial Mouthwash - Mint, 750 mL - RD3877v2.0

Issue date 05-Dec-2012

Effective Date 01-Dec-2012

Expiry Date 01-Dec-2015

Prepared by Reckitt Benckiser Regulatory Department 800-333-3899

Other Information For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.