

## 1. Product and Company Identification

**Product Name** CEPACOL® Extra Strength Sore Throat Lozenges - Sucrose Free - Orange Citrus (Canada only)

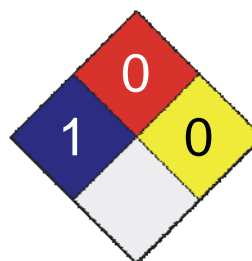
**CAS #** Mixture

**Product Use** Sore Throat - Oral anesthetic/analgesic/antiseptic lozenge

**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 an over-the-counter drug. Extensive testing has been completed to show that it is safe and effective when used as directed.

#### WARNING

If symptoms are severe or persist for more than 2 days, consult a doctor.

Do not administer to children under 5 years of age.

If you are allergic to any of the ingredients listed, do not use this product.

Keep out of reach of children.

### Potential short term health effects

#### Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

#### Eyes

There is no known adverse effect from exposure to the recommended use of this product.

#### 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

There is no known adverse effect from exposure to the recommended use of this product.

### 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

This product has not been tested.

## 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
L-Menthol	2216-51-5	0 - 0.1
Benzocaine	94-09-7	0.1 - 1
1,2-Propylene glycol	57-55-6	1 - 5

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Skin contact</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
<b>Ingestion</b>	Not applicable. Get medical attention immediately if adverse effects are felt.

### 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.

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## 5. Fire-fighting Measures

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### Flammable properties

Not flammable 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. Oxides of sulphur. Oxides of sodium.

### Explosion data

**Sensitivity to mechanical impact** Not available

**Sensitivity to static discharge** Not available

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## 6. Accidental Release Measures

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### 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.

### Methods for containment

Prevent entry into waterways, sewers, basements or confined areas.

### Methods for cleaning up

Pick up and discard.

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## 7. Handling and Storage

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### Handling

Use good industrial hygiene practices in handling this material.  
Use according to package label instructions.

### Storage

Protect contents from humidity.  
Store at room temperature (68-77°F)(20-25°C).  
Keep out of reach of children.

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## 8. Exposure Controls / Personal Protection

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### Exposure limit values

#### Ingredient(s)

#### Exposure limit values

1,2-Propylene glycol

**ACGIH-TLV**  
Not established

Benzocaine

**ACGIH-TLV**  
Not established

L-Menthol

**ACGIH-TLV**  
Not established

### Engineering controls

General ventilation normally adequate.

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**Personal protective equipment****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.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Tablet
<b>Colour</b>	Yellow
<b>Form</b>	Solid.
<b>Odour</b>	Citrus / Orange
<b>Odour threshold</b>	Not available
<b>Physical state</b>	Solid
<b>pH</b>	Not applicable
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Pour point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash point</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not applicable
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not applicable
<b>Vapour pressure</b>	Not available
<b>Vapour density</b>	Not available
<b>Specific gravity</b>	Not available
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H<sub>2</sub>O)</b>	Soluble

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## 10. Stability and Reactivity

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<b>Reactivity</b>	None known.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur. Oxides of sodium.

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## 11. Toxicological Information

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**Component analysis - LC50**

<b>Ingredient(s)</b>	<b>LC50</b>
1,2-Propylene glycol	Not available
Benzocaine	Not available
L-Menthol	Not available

**Component analysis - Oral LD50**

<b>Ingredient(s)</b>	<b>LD50</b>
1,2-Propylene glycol	14800 mg/kg rabbit; 20000 mg/kg rat
Benzocaine	1150 mg/kg rabbit; 3042 mg/kg rat
L-Menthol	Not available
<b>Effects of acute exposure</b>	
<b>Eye</b>	There is no known adverse effect from exposure to the recommended use of this product.
<b>Skin</b>	There is no known adverse effect from exposure to the recommended use of this product.
<b>Inhalation</b>	There is no known adverse effect from exposure to the recommended use of this product.
<b>Ingestion</b>	There is no known adverse effect from exposure to the recommended use of this product.
<b>Sensitisation</b>	The finished product is not expected to have chronic health effects.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Name of Toxicologically Synergistic Products</b>	Not available

## 12. Ecological Information

Ecotoxicity	See below	
Ecotoxicity - Freshwater Algae - Acute Toxicity Data		
1,2-Propylene glycol	57-55-6	96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L
Ecotoxicity - Freshwater Fish - Acute Toxicity Data		
1,2-Propylene glycol	57-55-6	96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L
Benzocaine	94-09-7	96 Hr LC50 Pimephales promelas: 34.6-36.1 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 24.9-26.9 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 7.48-11.3 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 17.9-20.1 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.92-9.76 mg/L [static]
L-Menthol	2216-51-5	96 Hr LC50 Pimephales promelas: 18.9 mg/L [flow-through]
Ecotoxicity - Water Flea - Acute Toxicity Data		
1,2-Propylene glycol	57-55-6	24 Hr EC50 Daphnia magna: >10000 mg/L; 48 Hr EC50 Daphnia magna: >1000 mg/L [Static]
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

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations. Do not flush to surface water or sanitary sewer system.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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## 14. Transport Information

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**UN/ID N.o.** Not applicable

**U.S. Department of Transportation (DOT): Classification:** Not regulated

**Proper shipping name** Not applicable

**U.S. DOT Hazard Class** Not applicable

**Subsidiary Risk** Not applicable

**Packing group** Not applicable

**DOT RQ (lbs)** Not applicable

**ERG NO** Not applicable

**Transportation of Dangerous Goods (TDG - Canada): Classification:** Not regulated

**Proper shipping name** Not applicable

**Status** Not applicable

**Packing group** Not applicable

**IMDG (Marine Transport): Classification:** Not regulated

**Proper shipping name** Not applicable

**Class** Not applicable

**Subsidiary Risk** Not applicable

**Packing group** Not applicable

**IMDG Page** Not applicable

**Marine pollutant** Not applicable

**EMS** Not applicable

**MFAG** Not applicable

**Maximum Quantity** Not applicable

**IATA/ICAO (Air): Classification:** Not regulated

**Proper shipping name** Not applicable

**Class** Not applicable

**Subsidiary Risk:** Not applicable

**Packing group** Not applicable

**Maximum Quantity** Not applicable

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## 15. Regulatory Information

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### 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: Registered NHP Product 80032672

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

1,2-Propylene glycol 57-55-6 1 %

### WHMIS classification

Exempt - Registered product - (NHP 80032672)

### Inventory Status

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

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

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## 16. Other Information

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### 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® Extra Strength Sore Throat Lozenges - Sucrose Free - Orange Citrus (Canada only) - 0354563 v1.0

### Issue date

27-Jun-2012

### Effective Date

15-Jun-2012

### Expiry Date

15-Jun-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.