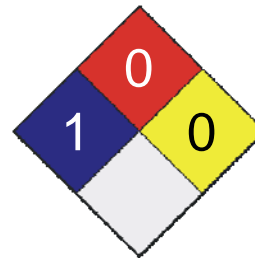


1. Product and Company Identification

Product Name	CEPACOL® Maximum Strength Sore Throat Lozenges - Cherry
CAS #	Mixture
Product use	Sore Throat - Oral anesthetic/analgesic/antiseptic lozenge
Distributed by	Reckitt Benckiser Morris Corporate Center IV 399 Interpace Parkway P.O. Box 225 Parsippany, NJ 07054-0225 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 the US FDA as an over-the-counter, monograph drug.

WARNINGS: Allergy Alert: Do not use this product if you have a history of allergy to local anesthetics such as procaine, butacaine, benzocaine or any other 'caine' anesthetics.

Sore throat warning: If sore throat is severe, persists for more than 2 days, is accompanied or followed by fever, headache, rash, swelling, nausea, or vomiting, consult a doctor promptly.

Do not use in a child under 6 years of age.

Stop use and ask a doctor or dentist if:
sore mouth symptoms do not improve in 7 days
irritation, pain or redness persists or worsens
swelling develops

If pregnant or breast feeding, ask a health professional before use.
Keep this and all drugs out of reach of children. In case of overdose, get medical help or contact a Poison Control Center right away.
Do not exceed recommended dosage.
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.

OSHA Regulatory Status

This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Alpha-D-Glucopyranoside, beta-D-fructofuranosyl	57-50-1	40 - 60
Benzocaine	94-09-7	0.1 - 1
L-Menthol	2216-51-5	0.1 - 1

4. First Aid Measures

First aid procedures

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

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

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.

5. Fire Fighting Measures

Flammable properties

Not flammable by OSHA 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

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.

Methods for containment

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

Methods for cleaning up

Pick up and discard.

7. Handling and Storage

Handling

Use good industrial hygiene practices in handling this material.

Use according to package label instructions.

Tamper evident: Product is sealed in blister package for your protection. Do not use if carton is damaged or if printed seal on blister is broken or missing.

Storage

Protect contents from humidity.

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

Keep out of reach of children.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
Alpha-D-Glucopyranoside, beta-D-fructofuranosyl	ACGIH-TLV TWA: 10 mg/m ³ OSHA-PEL TWA: 15 mg/m ³
Benzocaine	ACGIH-TLV Not established OSHA-PEL Not established
L-Menthol	ACGIH-TLV Not established OSHA-PEL Not established

Engineering controls

General ventilation normally adequate.

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.

9. Physical and Chemical Properties

Appearance	Tablet
Color	Red
Form	Solid.
Odor	Cherry
Odor threshold	Not available
Physical state	Solid
pH	Not applicable
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Solubility (H ₂ O)	Soluble

10. Stability and Reactivity

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

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Alpha-D-Glucopyranoside, beta-D-fructofuranosyl	Not available
Benzocaine	Not available
L-Menthol	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Alpha-D-Glucopyranoside, beta-D-fructofuranosyl	29700 mg/kg rat
Benzocaine	1150 mg/kg rabbit; 3042 mg/kg rat
L-Menthol	Not available

Effects of acute exposure

Eye 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.

Sensitization 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.

ACGIH - Threshold Limit Values - Carcinogens

Alpha-D-Glucopyranoside, beta-D-fructofuranosyl 57-50-1 A4 - Not Classifiable as a Human Carcinogen

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		
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]
Persistence / 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	

13. Disposal Considerations

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

14. Transport Information

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

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

US Federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components of this product are either on the Toxic Substances Control Act list (TSCA) or exempt.

Product Registration: Registered with FDA

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - Massachusetts - Right To Know List

Alpha-D-Glucopyranoside, 57-50-1 Present (dust)
beta-D-fructofuranosyl

U.S. - Minnesota - Hazardous Substance List

Alpha-D-Glucopyranoside, 57-50-1 Present (dust)
beta-D-fructofuranosyl

U.S. - Pennsylvania - RTK (Right to Know) List

Alpha-D-Glucopyranoside, 57-50-1 Present
beta-D-fructofuranosyl

U.S. - Rhode Island - Hazardous Substance List

Alpha-D-Glucopyranoside, 57-50-1 Toxic
beta-D-fructofuranosyl

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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® Maximum Strength Sore Throat Lozenges - Cherry - 0354567v3.0
Issue date	25-Jun-2012
Effective date	15-Jun-2012
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.