



# Benzocaine Ointment

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 10/07/2014

Date of issue: 10/07/2014

Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Benzocaine Ointment

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : For temporary pain relief of oral mucosa due to minor irritation or injury of the mouth and gums. For topical application to oral mucosa only.

#### 1.3. Details of the supplier of the safety data sheet

Septodont, Inc.  
416 S. Taylor Ave.  
Louisville, CO 80027  
T 303-665-7535  
email: [usregulatoryaffairs@septodont.com](mailto:usregulatoryaffairs@septodont.com)  
[www.septodontusa.com](http://www.septodontusa.com)

#### 1.4. Emergency telephone number

Emergency number : 800-424-9300 CHEMTREC; 1-703-527-3887 CHEMTREC - Outside USA

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Skin Sens. 1 H317  
STOT SE 3 H335

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H317 - May cause an allergic skin reaction  
H335 - May cause respiratory irritation

Precautionary statements (GHS-US) :

P261 - Avoid breathing mist, spray, vapors.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear eye protection, protective gloves, protective clothing.  
P302+P352 - If on skin: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a poison center/doctor if you feel unwell.  
P321 - Specific treatment (see Section 4).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container according to local, regional, national, and international regulations.

#### 2.3. Other hazards

Aquatic Acute 3

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H402 - Harmful to aquatic life

P273 - Avoid release to the environment.

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                                | Product identifier  | %       | Classification (GHS-US)                     |
|-------------------------------------|---------------------|---------|---|
| Polyethylene glycol                 | (CAS No) 25322-68-3 | 30 - 40 | STOT SE 3, H335                             |
| Benzoic acid, 4-amino-, ethyl ester | (CAS No) 94-09-7    | 20 - 30 | Skin Sens. 1, H317<br>Aquatic Acute 3, H402 |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. Seek medical attention if ill effect or irritation develops.
- First-aid measures after eye contact : Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause an allergic skin reaction. May cause respiratory irritation.
- Symptoms/injuries after inhalation : Inhalation of vapors may cause respiratory irritation.
- Symptoms/injuries after skin contact : Exposure may produce an allergic reaction.
- Symptoms/injuries after eye contact : May cause minor eye irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed.

### 4.3. Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention.

## SECTION 5: Fire-Fighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not considered flammable but may burn at high temperatures.
- Explosion hazard : Product is not explosive.
- Reactivity : Polyethylene Glycol can form explosive peroxides. Reacts with strong oxidants causing fire and explosion hazard. May attack plastics and rubber.

### 5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.
- Firefighting instructions : Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Refer to Section 9 for flammability properties.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

##### 6.1.1. For non-emergency personnel

Protective equipment : Use appropriate personal protection equipment (PPE).  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

#### 6.4. Reference to other sections

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible products : Strong acids. Strong bases. Strong oxidizers.

#### 7.3. Specific end use(s)

For temporary pain relief of oral mucosa due to minor irritation or injury of the mouth and gums. For topical application to oral mucosa only.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

#### 8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Safety glasses. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Hand protection : Wear chemically resistant protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Other information : When using, do not eat, drink or smoke.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|  |                     |
|--|---------------------|
| Physical state                         | : Liquid            |
| Appearance                             | : No data available |
| Color                                  | : No data available |
| Odor                                   | : No data available |
| Odor threshold                         | : No data available |
| pH                                     | : No data available |
| Evaporation Rate                       | : No data available |
| Melting point                          | : No data available |
| Freezing point                         | : No data available |
| Boiling point                          | : No data available |
| Flash point                            | : No data available |
| Auto-ignition Temperature              | : No data available |
| Decomposition temperature              | : No data available |
| Flammability (solid, gas)              | : No data available |
| Vapor pressure                         | : No data available |
| Relative vapor density at 20 °C        | : No data available |
| Relative density                       | : No data available |
| Solubility                             | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Viscosity                              | : No data available |

#### 9.2. Other information

VOC content : < 1 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Polyethylene Glycol can form explosive peroxides. Reacts with strong oxidants causing fire and explosion hazard. May attack plastics and rubber.

#### 10.2. Chemical stability

Product is stable.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

#### 10.6. Hazardous decomposition products

Hydrocarbons. Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Polyethylene glycol (25322-68-3)

|                    |            |
|--------------------|------------|
| LD50 dermal rabbit | > 20 ml/kg |
|--------------------|------------|

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

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|  |  |
|--|--|
| Reproductive toxicity                              | : Not classified   |
| Specific target organ toxicity (single exposure)   | : May cause respiratory irritation.                      |
| Specific target organ toxicity (repeated exposure) | : Not classified   |
| Aspiration hazard                                  | : Not classified   |
| Symptoms/injuries after inhalation                 | : Inhalation of vapors may cause respiratory irritation. |
| Symptoms/injuries after skin contact               | : Exposure may produce an allergic reaction.             |
| Symptoms/injuries after eye contact                | : May cause minor eye irritation.                        |
| Symptoms/injuries after ingestion                  | : May be harmful if swallowed.                           |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life.

#### Benzoic acid, 4-amino-, ethyl ester (94-09-7)

|             |  |
|-------------|--|
| LC50 fish 1 | 34.6 - 36.1 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
|-------------|--|

|             |  |
|-------------|--|
| LC50 fish 2 | 24.9 - 26.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
|-------------|--|

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### Benzoic acid, 4-amino-, ethyl ester (94-09-7)

|         |      |
|---------|------|
| Log Pow | 1.86 |
|---------|------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of waste material in accordance with all local, regional, national, and international regulations.

## SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Additional information

Other information : No supplementary information available.

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Benzocaine Ointment

|                                     |                                 |
|-------------------------------------|---------------------------------|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
|-------------------------------------|---------------------------------|

#### Polyethylene glycol (25322-68-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Benzoic acid, 4-amino-, ethyl ester (94-09-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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### 15.2. US State regulations

#### Polyethylene glycol (25322-68-3)

U.S. - Minnesota - Hazardous Substance List

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

### SECTION 16: Other information, including date of preparation or last revision

Revision date : 10/07/2014

Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Full text of H-phrases:

|                 |  |
|-----------------|--|
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Skin Sens. 1    | Skin sensitization Category 1                                  |
| STOT SE 3       | Specific target organ toxicity (single exposure) Category 3    |
| H317            | May cause an allergic skin reaction                            |
| H335            | May cause respiratory irritation                               |
| H402            | Harmful to aquatic life  |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom 2012)