

# 0.12% Chlorhexidine Gluconate Oral Rinse

## Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier

Product name : 0.12% Chlorhexidine Gluconate Oral Rinse

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

Use of the substance/mixture : Pharmaceutical Agent

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

Patterson Dental Supply, Inc  
1031 Mendota Heights Road,  
Saint Paul, MN 55120

#### 1.4. Emergency telephone number

Emergency number : 1-800-361-2862

### SECTION 2: Hazards identification

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

Classification (GHS-US)  
Carc. 1A H350

#### 2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



GHS08

Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H350 - May cause cancer

Precautionary statements (GHS-US)

: P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P308 + P313 - If exposed or concerned: Get medical advice/attention  
P405 - Store locked up  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3. Other hazards

No additional information available

#### 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)              |
|------------------------------------------------------------------|---------------------|--------------|--------------------------------------|
| Water                                                            | (CAS No) 7732-18-5  | Trade Secret | Not classified                       |
| Ethyl alcohol                                                    | (CAS No) 64-17-5    | Trade Secret | Flam. Liq. 2, H225<br>Carc. 1A, H350 |
| Glycerin                                                         | (CAS No) 56-81-5    | Trade Secret | Not classified                       |
| Chlorhexidine digluconate                                        | (CAS No) 18472-51-0 | Trade Secret | Acute Tox. 4 (Oral), H302            |
| Sorbital, isooctadecanoate, poly(oxy-1,2-ethanediyl) derivatives | (CAS No) 58205-96-2 | Trade Secret | Not classified                       |
| Sodium saccharin                                                 | (CAS No) 128-44-9   | Trade Secret | Not classified                       |
| C.I. Acid Blue 9, disodium salt                                  | (CAS No) 3844-46-9  | Trade Secret | Not classified                       |

## SAFETY DATA SHEETS

This SDS packet was issued with item:

070850081

N/A

# Chlorhexidine Gluconate Oral Rinse

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : No specific first aid necessary for this route of exposure.
- First-aid measures after skin contact : Wash with soap and water. Seek medical advice if skin irritation develops or persists.
- First-aid measures after eye contact : Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
- First-aid measures after ingestion : Seek medical attention.

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

- Symptoms/injuries after inhalation : None under normal use.
- Symptoms/injuries after skin contact : None under normal use.
- Symptoms/injuries after eye contact : May produce transient eye irritation.
- Symptoms/injuries after ingestion : Ingestion of large amounts may produce signs of alcohol intoxication.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Use water spray, dry chemical, alcohol foam or CO<sub>2</sub>
- Unsuitable extinguishing media : None.

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

- Fire hazard : None known.
- Explosion hazard : None known.

#### 5.3. Advice for firefighters

- Protection during firefighting : Firefighters should wear full protective gear.

### SECTION 6: Accidental release measures

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

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

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Stop the flow of material, if this is without risk.
- Methods for cleaning up : Dilute with water. Keep away from ignition sources. Perform waste disposal in compliance with all applicable regulations. Flush down sewer with large quantities of water.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes. Wash thoroughly after handling.

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

- Storage conditions : Handling/storage area must be well ventilated, cool and dry. Materials must be isolated from potential sources of ignition. Fire fighting equipment must be available at all times.

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

Pharmaceutical Agent

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Ethyl alcohol (64-17-5) |                                     |                        |
|-------------------------|-------------------------------------|------------------------|
| USA ACGIH               | ACGIH STEL (ppm)                    | 1000 ppm               |
| USA OSHA                | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 1900 mg/m <sup>3</sup> |
| USA OSHA                | OSHA PEL (TWA) (ppm)                | 1000 ppm               |

  

| Glycerin (56-81-5) |                                     |                     |
|--------------------|-------------------------------------|---------------------|
| USA OSHA           | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup> |

#### 8.2. Exposure controls

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| Appropriate engineering controls | : None required under normal product handling conditions. |
| Hand protection                  | : None required under normal product handling conditions. |
| Eye protection                   | : None required under normal product handling conditions. |
| Skin and body protection         | : Wear suitable working clothes.                          |
| Respiratory protection           | : None required under normal product handling conditions. |

### SECTION 9: Physical and chemical properties

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

|                                             |                     |
|---------------------------------------------|---------------------|
| Physical state                              | : Liquid            |
| Color                                       | : Clear Blue        |
| Odor                                        | : Minty             |
| Odor threshold                              | : No data available |
| pH                                          | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point                               | : No data available |
| Freezing point                              | : No data available |
| Boiling point                               | : No data available |
| Flash point                                 | : > 200 °F          |
| Auto-ignition temperature                   | : No data available |
| Decomposition temperature                   | : No data available |
| Flammability (solid, gas)                   | : No data available |
| Vapor pressure                              | : 721 mm Hg         |
| Relative vapor density at 20 °C             | : No data available |
| Specific gravity                            | : 1.0               |
| Solubility                                  | : Water:            |
| Log Pow                                     | : No data available |
| Log Kow                                     | : No data available |
| Viscosity, kinematic                        | : No data available |
| Viscosity, dynamic                          | : No data available |
| Explosive properties                        | : No data available |
| Oxidizing properties                        | : No data available |
| Explosive limits                            | : No data available |

#### 9.2. Other Information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

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### 10.3. Possibility of hazardous reactions

Will not occur.

### 10.4. Conditions to avoid

Protect from light, avoid acidic conditions, and avoid prolonged exposure to elevated temperatures. Maintain at or below 77°F and above 32°F.

### 10.5. Incompatible materials

None.

### 10.6. Hazardous decomposition products

Not determined.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Ethyl alcohol (64-17-5)    |                     |
|----------------------------|---------------------|
| LC50 inhalation rat (mg/l) | 124.7 mg/l/4h       |
| ATE US (oral)              | 7080.00000000 mg/kg |

| Glycerin (56-81-5)         |                                  |
|----------------------------|----------------------------------|
| LD50 dermal rabbit         | > 10 g/kg                        |
| LC50 inhalation rat (mg/l) | > 570 mg/m³ (Exposure time: 1 h) |
| ATE US (oral)              | 12600.00000000 mg/kg             |

| Chlorhexidine digluconate (18472-51-0) |                    |
|----------------------------------------|--------------------|
| ATE US (oral)                          | 500.00000000 mg/kg |

Skin corrosion/irritation : Not classified  
 Serious eye damage/irritation : Not classified  
 Respiratory or skin sensitization : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : May cause cancer.

| Ethyl alcohol (64-17-5) |                            |
|-------------------------|----------------------------|
| IARC group              | 1 - Carcinogenic to humans |

| Sodium saccharin (128-44-9) |                      |
|-----------------------------|----------------------|
| IARC group                  | 3 - Not classifiable |

| C.I. Acid Blue 9, disodium salt (3844-45-9) |                      |
|---------------------------------------------|----------------------|
| IARC group                                  | 3 - Not classifiable |

Reproductive toxicity : Not classified  
 Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

| Ethyl alcohol (64-17-5) |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| LC50 fish 1             | 12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 Daphnia 1          | 9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)               |
| LC50 fish 2             | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])       |
| EC50 Daphnia 2          | 2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                 |
| Glycerin (56-81-5)      |                                                                                |
| LC50 fish 1             | 51 - 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])     |

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|                             |                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------|
| Sodium saccharin (128-44-9) |                                                                                         |
| LC50 fish 1                 | 16400 - 20400 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> (static)) |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

|                         |       |
|-------------------------|-------|
| Ethyl alcohol (64-17-5) |       |
| Log Pow                 | -0.32 |

|                    |                      |
|--------------------|----------------------|
| Glycerin (56-81-5) |                      |
| BCF fish 1         | (no bioaccumulation) |
| Log Pow            | -1.76                |

|                             |      |
|-----------------------------|------|
| Sodium saccharin (128-44-9) |      |
| Log Pow                     | 0.91 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

In accordance with DOT

Not a dangerous good as defined in transport regulations

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

|                                                                           |                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Glycerin (56-81-5)                                                        |                                                                                                                                                                                                                        |
| Listed on the United States TSCA (Toxic Substances Control Act) Inventory |                                                                                                                                                                                                                        |
| EPA TSCA Regulatory Flag                                                  | Y2 - Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule. |

### 15.2. US State regulations

| Ethyl alcohol (64-17-5)                               |                                                             |                                                                     |                                                                   |                                   |
|-------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| Yes                                                   | Yes                                                         |                                                                     |                                                                   |                                   |

| Ethyl alcohol (64-17-5)                                    |  |
|------------------------------------------------------------|--|
| U.S. - Massachusetts - Right To Know List                  |  |
| U.S. - Minnesota - Hazardous Substance List                |  |
| U.S. - New Jersey - Right to Know Hazardous Substance List |  |
| U.S. - Pennsylvania - RTK (Right to Know) List             |  |

| Glycerin (56-81-5)                                         |  |
|------------------------------------------------------------|--|
| U.S. - Massachusetts - Right To Know List                  |  |
| U.S. - Minnesota - Hazardous Substance List                |  |
| U.S. - New Jersey - Right to Know Hazardous Substance List |  |
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### Sodium saccharin (128-44-9)

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

### C.I. Acid Blue 9, disodium salt (3844-45-9)

U.S. - Massachusetts - Right To Know List

## SECTION 16: Other information

Full text of H-phrases:

|                     |                                   |
|---------------------|-----------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4  |
| Carc. 1A            | Carcinogenicity Category 1A       |
| Flam. Liq. 2        | Flammable liquids Category 2      |
| H225                | Highly flammable liquid and vapor |
| H302                | Harmful if swallowed              |
| H350                | May cause cancer                  |

*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*

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