

# MATERIAL SAFETY DATA SHEET

## SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ClōSYS Alcohol-Free Oral Health Rinse

**Product Use** Intended for cosmetic use as a mouthwash in humans, to eliminate oral malodor and to cleanse the oral cavity.

**Manufacturer Name** Rowpar Pharmaceuticals, Inc.

**Manufacturer Address** 16100 N Greenway Hayden Loop, Suite 400  
Scottsdale, AZ 85260, USA

**Emergency Telephone Number** (480) 948-6997 or (800) 643-3337

**Prepared By** Rowpar Pharmaceuticals, Inc.

**Effective Date** March 1, 2012

**Last Changed** March 1, 2012

**Supersedes** March 24, 2011 MSDS Document for ClōSYS Oral Rinse

This sheet has been prepared in accordance with the requirements of the United States Federal OSHA Hazard Communications Standard, 29 CFR 1910.1200.

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>C.A.S. No.</u>	<u>% by Weight</u>
Purified Water	7732-18-5	Proprietary
Trisodium Phosphate	7601-54-9, 10101-89-0	Proprietary
Sodium Chlorite	7758-19-2	0.100%
Citric Acid	77-92-9, 5949-29-1	Proprietary

## SECTION 3. HAZARDS IDENTIFICATION

### Emergency Overview

Clear, odorless liquid.

### Potential Health Effects

This product rarely presents a problem when used according to directions. It is safe for its intended use. As with all consumer products, individuals may have allergic

reactions from skin contact, such as temporary change in taste sensation, redness, rash and/or swelling. Eye contact may produce temporary irritation.

### Accidental Ingestion

No acute or chronic hazards (non-toxic). The product is not intended for ingestion or consumption.

### Hazardous Components

None

## SECTION 4. FIRST AID MEASURES

The procedures in this section are recommended as emergency first aid only. This information is not intended to replace or supplant treatment advice from a health-care professional.

**General Advice:** If reaction to the product does not subside quickly (within a few minutes), immediately consult physician.

**Skin Contact:** Flush with copious amounts of water.

**Eye Contact:** Flush with copious amounts of water.

**Inhalation:** Not applicable

In the event an adverse drug reaction occurs, please seek immediate medical attention and discontinue use of product. Also, please notify Manufacturer.

## SECTION 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

Flammable	No
Combustible	No
Flash Point	Not Applicable
Flammable Limits	Not Applicable
Contents under Pressure	No
Extinguishing Media	Not Applicable
Special Fire Procedures	Not a fire hazard
Explosive	No

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Spill or Leak Procedure**

For minor spills of product, proceed with routine clean-up with water. Large spills of product should be collected in a suitable container, and the surface should be cleaned up with water.

**SECTION 7. HANDLING AND STORAGE****Handling**

Use product only as directed on product packaging (label). Avoid contact with skin and eyes. Do not ingest.

**Product Storage**

For maximum product effectiveness, store in a dry area at room temperature and keep contents of product tightly closed and stored in the original container. Avoid storing at high temperatures or near a heat source. Avoid freezing temperatures.

**Container Information**

<b>Pressured Container</b>	No
<b>Container Type</b>	High Density Polyethylene (HDPE) Bottle

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Respiratory Protection</b>	None
<b>Eye/Face Protection</b>	None
<b>Skin Protection</b>	None
<b>Special Storage Required</b>	None

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Odor</b>	None (odorless)
<b>Color</b>	None (colorless)
<b>General Physical Form</b>	Liquid
<b>Flash Point</b>	Not Applicable
<b>Evaporation Rate</b>	Not Determined
<b>Solubility in Water</b>	Completely Miscible
<b>Boiling Point</b>	Not Determined
<b>Vapor Density</b>	Not Determined
<b>Vapor Pressure</b>	Not Determined
<b>Specific Gravity</b>	1.00 – 1.01 (Room Temperature)

pH	6.4 – 7.0 (Room Temperature)
Melting Point	Not Determined

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable

**Materials to Avoid** None

**Special Conditions to Avoid:** Avoid storing or exposing product to extreme heat or sun. Avoid storing or exposing product to freezing temperatures. Avoid directly exposing product to light (ultraviolet or visible). Avoid storing or exposing product to highly humid conditions.

**Hazardous Reaction and  
Decomposition Products** None

**Corrosive** No

## SECTION 11. TOXICOLOGICAL INFORMATION

### Animal Toxicology, Mutagenicity, Reproductive/Developmental Toxicity

No formal toxicology studies are available for the product. Refer to the following references for toxicological information related to chlorite. These references justify the classification as non-toxic.

1. Lubbers JR, Bianchine JR. Effects of the acute rising dose administration of chlorine dioxide, chlorate, and chlorite to normal healthy adult male volunteers. *J Environ Pathol Toxicol Oncol*. 1984. Jul;5(4-5):215-28.
2. US Department of Health and Human Services. Toxicological profile of chlorine dioxide and chlorite. 2004. Available at: <http://www.atsdr.cdc.gov/ToxProfiles/tp160.pdf>
3. US Environmental Protection Agency. Toxicological review of chlorine dioxide and chlorite. 2000. Available at: <http://www.epa.gov/iris/toxreviews/0496tr.pdf>

### Carcinogenicity

None

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information** Not available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Container Disposal

Dispose of container through recycling or trash.

### Disposal Procedure

Dispose of product in accordance with all applicable local, state and federal regulations.

## SECTION 14. TRANSPORT INFORMATION

### DOT Classification

Non-flammable toiletries

## SECTION 15. REGULATORY INFORMATION

### US Federal Regulations

**US Food and Drug Administration (FDA):** Product is regulated as a cosmetic under US Code, Title 21, Federal Food, Drug, and Cosmetic Act.

### State Laws

**California:** Product is not regulated under the provisions of Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986).

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