



Safety Data Sheet

Section 1: Identification

Product Name: ClōSYS Fresh Breath Oral Spray
Synonyms: Sodium Chlorite Solution
CAS Number: 7758-19-2
Product Use: Intended for cosmetic use as an oral spray in humans to freshen breath.
Manufacturer/Supplier: Rowpar Pharmaceuticals, Inc.
Address: 16100 N Greenway Hayden Loop, Suite 400, Scottsdale, AZ 85260, USA

General Information: (480) 948-6997 or (800) 643-3337
Transportation Emergency Number: Not Applicable

Section 2: Hazard(s) Identification

GHS Classification:

Health	Environmental	Physical
Acute Toxicity - Category 5 Eye Corrosion - Category 2 Skin Corrosion - Category 3 Skin Sensitization - Category 3 Mutagenicity - None Carcinogenicity - None Reproductive/Developmental – None Target Organ Toxicity (Repeated) – None	Aquatic Toxicity – Category IV	Flammable Liquid - No

GHS Label:

Symbols:	
Hazard Statements	Precautionary Statements
No acute or chronic hazards (non-toxic).	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 from skin contact, such as temporary change in taste sensation, redness, rash and/or swelling. Eye contact may produce temporary irritation. This product is not intended for ingestion or consumption, but for spraying small amounts into the mouth.

Section 3: Composition/Information on Ingredients

Component	CAS Number	Weight %
Purified Water	7732-18-5	Proprietary
Natural & Artificial Flavor	Proprietary	Proprietary
Polysorbate 20	9005-64-5	Proprietary
Glycerin	56-81-5	Proprietary
Sodium Saccharin	128-44-9	Proprietary
Sodium Chlorite	7758-19-2	0.100

Methylparaben	99-76-3	Proprietary
Sodium Citrate	68-04-2, 994-36-5	Proprietary
Sodium Benzoate	532-32-1	Proprietary
(See Section 8 for Exposure Limits)		

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: Move person to fresh air.

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

Note: To the best of our knowledge, there is no propellant or no known concentration of material in this product that could possibly catch fire.

Flammable	Not Determined
Combustible	Not Determined
Flash Point	Not Determined
Contents under Pressure	No
Extinguishable Media	Not Determined
Special Fire Procedures	Not Determined
Explosive	Not Determined

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.

Section 7: Handling and Storage

Handling

Use product only as directed on product packaging (label). Avoid contact with skin and eyes. Avoid handling near a heat source or flame.

Product Storage

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

Container Information

Pressured Container	No
Container Type	Polypropylene Spray Bottle

Section 8: Exposure Controls/Personal Protection

Respiratory Protection	None
Eye Protection	None
Skin Protection	None
Special Storage Required	None

Section 9: Physical and Chemical Properties

Odor	Peppermint
Color	Translucent
General Physical Form	Liquid
Flash Point	Not Determined
Evaporation Rate	Not Determined
Solubility in Water	Soluble
Boiling Point	Not Determined
Vapor Density	Not Determined
Vapor Pressure	Not Determined
Specific Gravity	Not Determined
pH	7.0 – 8.0
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 flame, 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	Not Determined
Corrosive	Not Determined

Section 11: Toxicological Information

Animal Toxicology, Mutagenicity, Reproductive/Developmental Toxicity

No formal toxicology studies are available for 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 in trash.

Disposal Procedure

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

Section 14: Transport Information

DOT Classification

Not Applicable

Section 15: Regulatory Information

US Federal Regulations

US Food and Drug Administration (FDA): Product is regulated as a cosmetic under the Federal Food, Drug, and Cosmetic Act and under the corresponding regulations at 21 CFR.

State Laws

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

Section 16: Other Information

Revision Date: June 17, 2014

Supersedes: March 1, 2012 MSDS Document for *ClōSYS* Fresh Breath Oral Spray

Disclaimer: Information presented herein has been compiled from sources considered by the Manufacturer, in good faith, to be dependable and is accurate and reliable to the best of our knowledge and belief. However, Manufacturer cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating thereto or for advising you regarding the protection of your employees, customers or others. Users should make their own tests to determine the applicability of such information or suitability of any products for specific use.