

Safety Data Sheet

ioRinse™ Concentrate Dental Irrigant (Mint-Apple Flavor)

Section 1 Product and Company Identification

Product Name:	ioRinse™ Concentrate Dental Irrigant (Mint-Apple Flavor)
Part Number:	SQ1284513 –1 liter bottle SQ9157919 - Case of 12 (1 liter) bottles
Recommended Uses:	Professional Dental Irrigant to be used as dental mouth irrigant Intended to be used at home after dilution of one part concentrate to nine parts water or used undiluted by the Dentist.
Caution:	Not for use by children younger than 6 years or for persons with known sensitivity to any of the ingredients.
Manufacturer:	ioTech International, Inc.
Address:	6560 East Rogers Circle Boca Raton, FL 33487 USA
Emergency Phone Number:	(561) 509 - 0205 Ext 5
Regulatory Contact Number:	(561) 509 - 0205 Ext 2

Section 2 Hazard Identification

GHS Classification:	Eye irritants– Category 2, 2A or 2B
EPA Category:	Category III ocular irritants
Hazard Statements:	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 or swelling. Eye contact may produce temporary irritation.
Hazard Class/Category:	Not categorized as hazardous
Hazard symbol:	No Symbol

Section 3 Composition/Information on Ingredients

Chemical Name	CAS-Number	Percent Composition
Citric Acid	77-92-9	N/A
Potassium Iodide	7681-11-0	N/A
Potassium Iodate	7758-05-6	N/A
Mint-Apple Flavoring	N/A	N/A
Sodium Saccharin	128-44-9 (anhydrous form) 6155-57-3 (di hydrated form) 82385-42-0(6% hydrated form)	N/A
Sodium Carbonate	497-19-8	N/A
Zinc Gluconate	4468-02-4	N/A
Water	N/A	N/A

Composition comments: The exact % concentration of composition has been withheld as a trade secret in accordance with OSHA HCS 1910.1200.

Section 4 First Aid Measures

Eye Contact: If eye contact occurs, hold eye open and flush with a steady gentle stream of water for fifteen minutes. If any symptoms persist, seek medical attention.

Skin Contact: This product is expected to contact with skin. If serious skin irritation develops seek medical attention.

Ingestion: Ingestion of large amounts may cause stomach irritation. Drink a glass of water. If irritation persists seek medical attention.

Inhalation: Under normal conditions of use, this product is not expected to be an inhalation hazard.

Indication of any immediate medical attention and special treatment needed: Provide general support measures and treat symptomatically. In case of shortness of breath, provide oxygen. Symptoms may be delayed. No specific antidotes are recommended.

Section 5 Fire Fighting Measures

Flashpoint:	N/A
Flammable Limits:	N/A
LEL (Lower):	None
UEL (Upper):	None
Suitable Extinguishing Media:	Product is not flammable -not applicable
Unsuitable Extinguishing Media:	Product is not flammable-not applicable
Specific hazards arising from the chemical:	Water based, non-combustible and no specific hazards.
Special Fire Fighting Procedure:	Wear suitable protective equipment. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
General fire hazards:	This product is non-flammable.

Section 6 Accidental Release Measures

Personal precautions:	No personal protective equipment is required under normal conditions.
Methods and materials for containment and cleaning up:	Wipe up with absorbent material (e.g cloth, fleece). Clean surface thoroughly to remove residual contamination.

Section 7 Handling and Storage

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practice. Keep out of reach of children.
Conditions for safe storage:	Keep cap tightly closed in its original container for maximum freshness. Store in a cool, dry place out of direct sunlight.

Section 8 Exposure Controls/Personal Protection

Exposure guidelines:	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Eye/face protection:	None required under normal use.
Skin and Body Protection:	None required under normal use.
Hand Protection:	None required under normal use.
Respiratory Protection:	None required under normal use.
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice.

Section 9 Physical and Chemical Properties

Physical State:	Liquid
PH:	4.0 - 5.0
Color:	Amber
Odor:	None
Odor Threshold:	No information available
Solubility:	Soluble in water
Partition coefficient water/n-octanol:	No data available
Viscosity:	Water thin
Specific Gravity:	1.04
Density:	No data available
Flash Point:	No data available
Melting Point:	No data available
Freezing point:	-1.0°C (minus one degree centigrade)
Boiling Point:	100°C (boiling range not applicable)
Evaporation Rate:	No data available
Flammability:	No data available
Decomposition Temperature:	No data available
Auto-ignition Temperature:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Specific materials to be avoided:	Strong oxidizing agents

Section 10 Stability and Reactivity Information

Reactivity:	None known, based on information available
Stability:	Product is stable under normal storage condition.
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Incompatibility/Materials to Avoid:	None known.
Hazardous Decomposition Products:	No hazardous decomposition products are known.
Conditions to Avoid:	Extremes of temperature and direct sunlight.

Section 11 Toxicological Information

Symptoms/Effects of Over-exposure:	None Known
Skin contact:	May cause skin irritation in very sensitive individuals
Eye contact:	May be irritating to eye.
Ingestion:	Health injuries are not known or expected under normal use.
Information on toxicological effects	
Acute toxicity:	Health injuries are not known or expected under normal use.
Carcinogenic effects:	No known significant effects or critical hazards
Mutagenic effects:	No known significant effects or critical hazards

Section 12 Ecological Information

There is no ecological data on the product. The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios.

Ecotoxicity:	No information available.
Persistence and degradability:	No information available.
Bioaccumulation:	No information available.
Other adverse effects:	No information available.
Environmental effects:	No known significant effects or critical hazards
Other adverse effects:	No known significant effects or critical hazards

Section 13 Disposal Considerations

Disposal in accordance with applicable regional, national and local laws and regulations.

Section 14 Transport Information

DOT Classification:	Not regulated as dangerous goods. (DOT- U.S. Department of Transportation)
TDG Classification:	Not regulated as dangerous goods. (TDG - Canada Transportation of Dangerous Goods)
Packing Group:	Not Regulated.
IATA:	Not Regulated.
IMDG:	Not Regulated.
Special Provisions for Transport:	Not applicable.

Section 15 Regulatory Information

Cosmetic Product:	Regulated under the current Federal Food, Drug & Cosmetic Act (FD&C Act) in the United States.
Cosmetic Product:	Regulated under the Food and Drugs Act and Canadian Cosmetic Regulations in Canada.

Section 16 Other Information

Revision Date: 10-18-2020

Section 17 Additional Information

Disclaimer: Information presented herein has been compiled from sources considered by ioTech, in good faith, to be dependable and is accurate and reliable to the best of our knowledge and belief. However, ioTech cannot make any warranty or representation respecting the accuracy of 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.