

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 after dilution of one part concentrate to nine parts water, at home 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. ioTech International, Inc.
Manufacturer:	Iotech International
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 II or 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 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:	In case of fire, use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.
Unsuitable Extinguishing Media:	None known
Specific hazards arising from the chemical:	During fire, gases hazardous to health may be formed.
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, protective equipments and emergency procedures:	<p>Avoid contact with eyes.</p> <p>Keep people away from the spill/leak. Wear appropriate personnel protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained.</p>
Methods and materials for containment and cleaning up:	<p><i>Large spills:</i> Stop the flow of material immediately, if this is without risk. Absorb in dry sand or vermiculite and place into containers. Prevent entry into waterway, sewer, basements or confined areas. After cleanup, flush area with water.</p> <p><i>Small spills:</i> Wipe up with absorbent material (e.g cloth, fleece). Clean surface thoroughly to remove residual contamination.</p>

Section 7 Handling and Storage

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using product, do not eat, drink or smoke. Wash hands thoroughly after handling. Use care in handling/storage.

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

Occupational Exposure Limits:

No exposure limits noted for this product.

Personal Protective Equipment:

N/A

Exposure guidelines:

There is no exposure data pertaining to the product.

Eye/face protection:

Wear approved safety glasses with side shields.

Skin and Body Protection:

No special protective equipment required.

Hand Protection:

Follow standard industrial hygiene practices.

Respiratory Protection:

No protective equipment is needed under normal use conditions.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Do not swallow. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

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:	No data available
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:	No data available
Stability:	Product is stable under normal storage conditions
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Incompatibility/Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	Irritating and/or toxic fumes and gases may be emitted upon product decomposition.
Conditions to Avoid:	Contact with incompatible materials

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. Do not allow this material to drain into sewers/water supplies. Dispose of containers with care. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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

Issue Date: 06-01-2020

Section 17 Additional Information

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