



DDSource Manufacturing, Inc.

The Leader in Dental NanoSilver Technology

Material Safety Data Sheet

Section 1

Product & Company Identification

Product Identifier:	OraSIL Hydrogel
Other Identification:	3.5 oz
Recommended use and restrictions:	Apply to affected area as needed.
Manufacturer:	DDSource Manufacturing Inc
Address:	Unit 101 - 3525 191St
City, Province, Postal	Surrey, BC V3Z 0P6
Emergency Telephone Number	(844) 305-2592

Section 2

Hazard Identification

Non-hazardous according to 29 CFR 1910.1200
Precautionary statements for response, prevention, storage, disposal: Not applicable.
Other hazards: no data available.

Section 3

Composition/Information on ingredients

Ingredient	CAS No.	Weight%
Purified water	7732-18-5	92.0608%
Propylene Glycol	57-55-6	6.4740%
Triethanolamine	102-71-6	0.925%
Carbopol ETD2020	176429-87-1	0.5370%
Silver	7440-22-4	0.0032%

Section 4

First Aid Measures

Skin Contact	No first aid measures required
Eye Contact	No first aid measures required
Inhalation	No first aid measures required
Ingestion	No first aid measures required

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**Section 5
Fire Fighting Measures**

Suitable extinguishing media:	water, carbon dioxide, foam, dry chemical
Unsuitable extinguishing media:	None Known
Specific hazards from burning:	None Known
Specific protective equipment:	None Known

**Section 6
Accidental Release Measures**

Personnel precautions:	None Known
Protective equipment:	None Known
Emergency procedures:	Should be cleaned up at the time of the release.

Methods and materials for containment and cleaning up: Follow all applicable local regulations.

**Section 7
Handling and Storage**

Precautions for safe handling:	None
Conditions for safe storage:	Store at room temperature
Incompatibilities:	Not applicable

**Section 8
Exposure Controls / Personal Protection**

OSHA PEL: not applicable
ACGIH threshold limit value: not applicable Engineering controls: none known
Individual protective measures: not applicable

**Section 9
Physical and Chemical Properties**

Physical State:	Clear gel
Odor:	None
Odor Threshold:	None
pH:	6.5 - 8.0
Melting point/freezing point:	No data available/0 degrees Celsius
Boiling point:	100 degrees Celsius
Flash point:	None
Evaporation rate:	Same as water
Flammability:	Non-Flammable
Upper flammability (% by volume):	No data available
Lower flammability (% by volume):	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative Density:	1.02
Solubility:	Miscible

Partition Coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	25000 - 65000 cP

Section 10 Stability and Reactivity

Stability:	Generally Stable
Reactivity:	No data available
Conditions to avoid:	High temperatures
Incompatible Materials:	No data available
Hazardous Decomposition Products:	None Known

Section 11 Toxicological Information

Symptoms of exposure:	none known
Ingestion:	none known
Inhalation:	none known
Ingestion:	none known
Skin contact:	none known
Eye contact:	none known
Delayed effects:	none known
Immediate effects:	none known

Chronic effects from short and long-term exposure: none known

Toxicity estimates: This material did not produce toxic reactions when placed on the skin of lab animals. Oral ingestion of the active ingredient (32 ppm silver) by humans did not produce toxic reactions when 15 ml was ingested each day for 14 days.

Carcinogenicity: This material is not known to have carcinogenic properties.

Section 12 Ecological Information

Ecotoxicity:	Not considered an environmental hazard
Persistence and degradability:	no data available
Bio cumulative potential:	no data available
Mobility in soil:	no data available
Other adverse effects:	no data available

Section 13 Disposal Considerations

Waste product and packaging must be disposed of in accordance with applicable local laws and regulations.

Section 14 Transport Information

UN number:	N/A
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UN proper shipping name: N/A
Transport hazard class: N/A
Packing group: N/A

**Section 15
Regulatory Information**

This product is not a "hazardous chemical" as defined in 29 CFR 1910.1200

**Section 16
Other Information**

Effective date: TBD

Notice: The information presented herein is based on data considered to be accurate as of the date of preparation of this safety data sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice a patented invention without a license. In addition, no responsibility can be assumed by the manufacturer or vendor for any damage or injury resulting from abnormal use, from failure to adhere to any recommended practices, from any hazards inherent in the nature of the product, or from any additions or changes in form or substance to the product as distributed by the manufacturer or vendor. It is the responsibility of the user to comply with all applicable laws and regulations.