

Safety Data Sheet *(adapted to NIOSH formatting)*

Product name: BioActive Copper Hydrosol, 10 ppm
Revision date: April 28, 2021

Version: 1.0 / EN
Print date: 04/28/2021

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifiers

Product name:	Copper Hydrosol, 10 ppm
Trade name / designation:	Sovereign Copper® 10ppm, BioActive Copper Hydrosol™
Classification:	Dietary Supplement – Natural Health Product & Raw Material for Further Processing in Cosmetics

1.2. Relevant identified uses of the substance or mixture, uses & certifications

Identified uses:	USA: Dietary Supplement under DSHEA CANADA: Natural Health Product COSMETICS: INCI name Copper 231-159-6
Additional Information:	Product is manufactured in a NSF cGMP certified facility. Certifying entities include: NSF-ANSI 173 Section 8 for compliance with 21CFR111 (certificate # C0214587-DS-3] and Health Canada under Part III of the NNHPD regulations.

1.3 Details of the supplier of the safety data sheet:

Manufacturer & Supplier:	Natural Immunogenics Corp. 7504 Pennsylvania Ave Sarasota, FL 34243
Telephone:	1-888-328-8840 – (1)941-702-6100
Fax:	1-941-702-6101

1.4 EMERGENCY TELEPHONE NUMBER:

CHEMTREC:	1-800-424-9300
-----------	----------------

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Not a hazardous substance or mixture; product is for human ingestion and widely used as a raw material in cosmetics.

2.2 Label elements: Not a hazardous substance or mixture

2.3 Other hazards: None

Safety Data Sheet *(adapted to NIOSH formatting)*

Product name: BioActive Copper Hydrosol, 10 ppm
Revision date: April 28, 2021

Version: 1.0 / EN
Print date: 04/28/2021

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Description of the Mixture: An aqueous suspension of Copper and Silver

Component	Quantity (% total formulation)
Pharmaceutical Grade Purified Water meeting USP standards	99.9988%
Ultra-pure Copper per IUPAC	0.001%
Ultra-pure Silver per IUPAC	0.0002%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact:

Not applicable, not irritant to the skin.

In case of eye contact:

Not applicable.

4.2 Most important symptoms and effects, both acute and delayed:

Not Applicable; use as labelled; see also section 11.

4.3 Immediate medical attention and special treatment needed: No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media: Not a flammable material

5.2 Special hazards arising from the substance or mixture: Not Applicable No data available

5.3 Advice for fire-fighters: Not Applicable – Not a flammable material

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Not Applicable - No special precautions required.

6.2 Environmental precautions: Not Applicable – See also section 13 for disposal.

Safety Data Sheet *(adapted to NIOSH formatting)*

Product name: BioActive Copper Hydrosol, 10 ppm
Revision date: April 28, 2021

Version: 1.0 / EN
Print date: 04/28/2021

6.3 Methods and material for containment and cleaning up:

Not Applicable – treat as standard water clean-up

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: No special handling is required. Do not use if safety seal is broken.

7.2 Conditions for safe storage, including any incompatibilities: No special conditions for safe storage are required.

7.3 Specific end uses: As per section 1.2

SECTION 8: EXPOSURE CONTROLS – PERSONAL PROTECTION

8.1 Control parameters & Occupational exposure limits: No data available for Copper Hydrosol

8.2 Exposure controls & Appropriate engineering controls: Handle in accordance with good general hygiene and safety practices.

Personal protective equipment:

Eye / Face protection: Not applicable.

Skin protection: Not applicable.

Respiratory protection: Not applicable.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form	liquid, Colorless
b) Odor	Odorless
c) Odor Threshold	No data available
d) pH	5.0-7.5
e) Melting point/freezing point	0 °C
f) Initial boiling point and range	No data available
g) Flash point	Not applicable
h) Evaporation rate	No data available
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability	Not applicable
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	Not applicable

Safety Data Sheet *(adapted to NIOSH formatting)*

Product name: BioActive Copper Hydrosol, 10 ppm

Revision date: April 28, 2021

Version: 1.0 / EN

Print date: 04/28/2021

o) Partition coefficient	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	Water: 0.0091 poise at 25 °C
s) Explosive properties	No data available
t) Oxidizing properties	No data available

SECTION 10: STABILITY & REACTIVITY

10.1 Reactivity: Not a reactive material

10.2 Stability: Stable under recommended storage conditions (room temperature)

10.3 Possibility of hazardous reactions: Not a hazardous material, not applicable

10.4 Conditions to avoid: Use as directed on the product label

10.5 Incompatible materials: No data available

10.6 Hazardous decomposition products: Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Not applicable
Skin corrosion/irritation:	Non-corrosive, non-irritating
Eye damage/irritation:	Not applicable
Respiratory or skin sensitization:	Not applicable
Germ cell mutagenicity:	Not applicable – No Mutagenicity
Carcinogenicity:	Non-carcinogenic
Phototoxicity / Cytotoxic:	Non-phototoxic/cytotoxic

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:	No data available
12.2 Persistence and degradability:	No data available
12.3 Bioaccumulative potential:	No data available
12.4 Mobility in soil:	No data available
12.5 Results of PBT and vPvB assessment:	Not available, chemical safety

Safety Data Sheet *(adapted to NIOSH formatting)*

Product name: BioActive Copper Hydrosol, 10 ppm
Revision date: April 28, 2021

Version: 1.0 / EN
Print date: 04/28/2021

Assessment not required

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Product / Packaging disposal: Treat as standard household disposal; consider recycling the glass bottle.

SECTION 14: TRANSPORT INFORMATION

DOT (US); IMDG; IATA: Not a dangerous goods or substance

SECTION 15: REGULATORY INFORMATION

California Prop. 65 Components

This product does not contain any chemicals known to Office of Environmental Health Hazard Assessment (OEHHA) to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: ADDITIONAL INFORMATION

This SDS document is intended to evolve over time as new information becomes available. The information provided in this SDS for Copper Hydrosol relates only to the product designated and does not relate to its use in combination with any other material or in any other process. To the best of our knowledge, and in good faith, the information contained herein is accurate.

This product is widely used in the Cosmetic industry and is legally marketed in the USA as a Dietary Supplement and in Canada as a Natural Health Product.

Please contact Natural Immunogenics Corp. for any additional information.

Kay Mitchen
Director of Regulatory Affairs & Quality
(1)941-702-6100
KMitchen@n-icorp.com