

# Safety Data Sheet

## 1. Product and Company Identification

**Product Identifier:** BIO 520 LIQUID MINERAL NUTRIENTS  
**General Use:** Commonly used in plant cultivation, To stimulate healthy plant growth.  
**Product Description:** CONCENTRATE LIQUID MINERAL NUTRIENTS  
**Manufacturer:** Beyond Green, Inc.  
3301 W. MacArthur Blvd.  
Santa Ana, CA 92704 - USA  
949-333-3800, [info@bg-bio520.com](mailto:info@bg-bio520.com)  
**Emergency Telephone:** CHEMTREC  
800-424-9300  
INTERNATIONAL  
+1 703-527-3887

## 2. Hazards Identification

**Classification:** HAZARDO US PROPERTY: Not Hazardous  
**Signal Word:** None  
**Hazard Statement:** Harmless if ingested, inhaled or in skin and eye contact.  
**ENVIRONMENTAL EFFECTS:** Safe No impact on environment, animals, birds, insects or aquatic life.  
**PHYSICAL AND CHEMICAL HAZARD:** No hazard. Equivalent to U.S. FDA GRAS categorization (Generally Regarded as Safe)  
**CHEMICAL MATERIAL CATEGORIES:** Not applicable No chemicals in product.

## 3. Composition/Information on Ingredients

Ingredients	CAS No.	Weight %
H2O	7732-18-5	99.50%
SiO2	7631-86-9	0.43%
Fe2O3	76774-74-8	0.02%
Na2O	1313-59-3	0.02%
CaO	1305-78-8	0.01%
K2O	12136-45-7	0.01%
MgO	1309-48-4	0.01%

## 4. First Aid Measures

**Eye Contact:** Harmless. Flush eyes with clean water. If irritation persists, contact a physician.  
**Skin Contact:** Harmless. Wash with soap and water. If irritation persists, contact a physician.  
**Inhalation:** Harmless. Move to fresh air. If symptoms persist, get medical attention.  
**Ingestion:** Harmless. Contact a physician if ingested.

## 5. Fire Fighting Measures

**Extinguishing Media:** No special instruction necessary. The product is incombustible.  
**Special Fire Fighting Procedures:** None required.  
No special fire-fighting instructions. The product does not burn. Releases no harmful gases.

## 6. Accidental Release Measures

**HUMAN CONSIDERATION:** None.  
**ENVIRONMENTAL CONSIDERATION:** None. Can be harmlessly released into river, sea, lake, municipal or natural water drainage if not combined with other products such as other chemicals, Oils. Product itself is used in hatcheries to help fish with algae and growth on fish species.  
**REMOVAL MEASURES:** Product is designed for dilution at 1,000 to 1 in water. If accidentally released in undiluted form simply wash away with water.

## 7. Handling and Storage

**Handling Precautions:** No special handling or safety requirements are applicable.  
**Storage Precautions:** Room temperature away from UV light.  
**General:** Keep Containers Closed after opening. Shelf Life: 3 years in dry form in sealed aluminum foil packages containing a standard silica desiccant.

## 8. Exposure Controls/Personal Protection

**EXPOSURE MEASUREMENT:** Not applicable  
**DENSITY CONTROL:** Not applicable

## 9. Physical/Chemical Characteristics

**Appearance:** Harmless clear liquid  
**FORM:** Liquid  
**Odor:** Odorless  
**pH:** N/A  
**Melting Point/Freezing Point:** 32° F (0° C)  
**Initial Boiling Point and Range:** 212° F (100° C)  
**Flash Point:** None **Method:** Not available.  
**Conditions of Flammability:** Non-flammable.  
**Solubility in Water:** Soluble  
**VOC (g/L):** 0

## 10. Stability and Reactivity Data

**General:** This is a stable Inert material  
**Conditions of Reactivity:** None.  
**Incompatible Materials:** None.  
**Conditions to Avoid:** None.  
**Hazardous Decomposition:** Not established.  
**Hazardous Polymerization:** Will not occur.

## 11. Toxicological Data

**Acute toxicity:** Rat Oral Test: Not applicable. Harmless, non-toxic  
**Reproduction Toxicity:** Not available  
**Teratogenicity:** Not available  
**Mutagenicity:** Not available  
**Synergistic Products:** Not available  
**BIODEGRADIATION:** None  
**FISH TOXICITY:** None  
**DAPHNIA TOXICITY:** None  
**ALGAE TOXICITY:** None  
**BACTERIA TOXICITY:** None  
**CHEMICAL CONTENT:** None. Product is composed of harmless natural minerals.

## 12. Ecological Data

Product provides plant nutrition, improves plant yield and eliminates chemical accumulation in food crops.

## 13. Disposal Considerations

**Waste Disposal Method:** No special considerations. Dispose of in a manner consistent with national and local regulations observing all federal, state and local regulations.

## 14. Transport Information

**D.O.T. (Department of Transportation):**  
**Proper Shipping Name:** Non-hazardous liquid  
**Hazard Class:** Not regulated  
**Identification Number:** Not applicable  
**HANDLING CONSIDERATION:** Ensure no leakage from the containers.

## 15. Regulatory Information

Not applicable. Considered GRAS under U.S. FDA categorization (Generally Regarded as Safe)

## 16. OTHER INFORMATION:

This information is based on our present state of knowledge and is intended to describe our product with respect to possible safety demands. We provide no guarantee of properties or description of qualities.

Prepared by: S. Kassem  
Approval Date: 1/4/2018

The information provided in this MSDS is believed to be reliable and accurate. However, the information is provided without any warranty or guarantee, express or implied, regarding its correctness. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of the use of this information. The buyer assumes all responsibility of using and handling the product in accordance with the federal, state and local regulations.