



# Bio Organic Limited

(Dealers & Distributors of Fertilizers, Pesticides, Seeds, Veterinary and Industrial Chemicals)

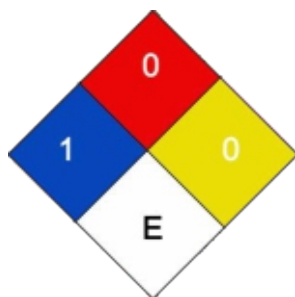
## MATERIAL SAFETY DATA SHEET

### BIOSAN 50 SR

#### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name : Nano Silver Hydrogen Peroxide  
Supplier : Bio Organic Limited  
Address : P. O. Box: 29024 - 00100 Nairobi - Kenya

Emergency :



Health	1
Fire	0
Reactivity	0
Personal Protection	E

#### 2. COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Characterization : H<sub>2</sub>O<sub>2</sub>+AgNO<sub>3</sub>  
Hazardous Ingredients : Nil

#### 3. HAZARD IDENTIFICATION

Toxicity : No Data Available  
Eye Contact : Dust may cause irritation

#### 4. FIRST AID MEASURES

Skin : Wash skin with soap and copious amounts of water  
Eyes : Immediate and prolonged irritation treat with copious amounts of water.

Address: P.o. Box: 29024 - 00100 Nairobi - Kenya

Physical address: | Sapna Business Park (SBP) | Kyang'ombe Area (ICD)  
| ODD OLD Mombasa Road, Nairobi Kenya |

Contact: +254 20 240 3393 / +254 792 458 379, Email: [info@bioorganic.co.ke](mailto:info@bioorganic.co.ke) / [bioorgltd@gmail.com](mailto:bioorgltd@gmail.com)



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Inhalation : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen

## 5. FIREFIGHTING MEASURES

Extinguishing Data : Water Spray  
Unsuitable Extinguishing Data : Carbon Dioxide, Dry Chemical Powder, Polymer Foam

Unusual Firefighting Hazards : Capable of creating a dust explosion  
Special Firefighting Procedures include : Use normal procedures which

wearing self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear respirator, chemical safety goggles, rubber boots and gloves.

Precautions to the Environment : Sweep up, place in a bag and hold for waste disposal.

Cleanup Procedures : Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## 7. HANDLING AND STORAGE

Handling Precautions : Chemical Safety Goggles. Compatible with Chemical-resistant Gloves

Storage : Store in a cool dry place.

Unusable Packaging Materials : Wash thoroughly after handling. Irritating dust, Keep tightly closed

## 8. EXPOSURE CONTROLS AND PERSONAL Protection Exposure.

### Controls

#### Personal Protective Equipment

Respiratory : Self-contained breathing apparatus  
Hand : Chemical-resistant Gloves  
Eye : Avoid contact with eye  
Skin : Wash thoroughly after handling

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	:	Liquid
Colour	:	Clear Liquid
Odour	:	No Odour

### Safety Related Information

FlashPoint	:	N/A
Boiling Point	:	N/A
Melting Point	:	N/A
pH	:	1.2
Sp.Gravity	:	1.0 to 1.2

## 10. STABILITY AND REACTIVITY

Stability	:	Completely Stable
Reactivity	:	Non Reactive/ Non Soluble

## 11. TOXICOLOGICAL

### INFORMATION Possible Health

#### Effects

Skin	:	No effect
Eyes	:	Irritation
Inhalation	:	No Chocking Hazard
Toxicity	:	Non-Toxic

## 12. ECOLOGICAL IMPACT

Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.No Negative Ecological Impact, Data not Available

## 13. WASTE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator, equipped with an afterburner and scrubber

## 14. TRANSPORT INFORMATION (UN ORNEK OLARAK VERİLMİŞTİR)

HS Code	:	N/A
CAS	:	N/A
Proper Shipping Name	:	Nano Silver Hydrogen Peroxide
Air Transport (ICAO & IATA)	:	Speciality
Chemical Class	:	Non Hazardous
Packing group	:	Normal Packing
Transport information	:	Not regulated for IATA (AIR)

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## 15. OTHER REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Nano Silver Hydrogen Peroxide

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)DSCCL

(EEC): R36- Irritating to eyes

S2- Keep out of the reach of children

S46- If swallowed, seek medical advice immediately & show container or label

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):Health: 1

Flammability: 0

Reactivity: 0 Specific hazard:

Protective Equipment:Gloves.

Lab coat.

Dust respirator. Be sure to use an approved/certified respirator or equivalent.Splash goggles.

## 16. OTHER Information References:

Not available

**Other Special Considerations:** Not available

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