

Material Safety Data Sheet

Product: BIOGREEN

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Manufacturer :

Green Vision Technical Services

Plot No. 6, Survey

No.599/2, Janori Industrial

Area, Janori,,Tal:-Dindori

Dist:-Nashik – 422207,

INDIA.

Product name : BIOGREEN

Synonyms : Aerial Fumigant and Surface and Water Disinfectant Solution

2. COMPOSITION/INFORMATION ON INGREDIENTS

The ingredients at their given percentages in this product are not considered hazardous to your health.

Components	CAS Number	Content
Hydrogen peroxide	7722-84-1	50 %
Silver	7761-88-8	300-500 ppm

3. HAZARDS IDENTIFICATION

Principle routes of exposure :

Oral : Can irritate the tissues of mouth, esophagus, and other tissues of the digestive system. Symptoms of over exposure can include vomiting, diarrhea and nausea.

Eye contact : Severe irritant to the eyes.

Skin contact : Causes skin irritation.

Ingestion : Ingestion of this material may cause nausea, vomiting and diarrhea.

Inhalation : Inhalation of mist or vapors may be severely irritating to the nose and throat.

Physico – chemical properties : This product may cause eye, skin or respiratory irritation.

4. FIRST AID MEASURES

Eye contact : In the case of contact with eyes, wash immediately with plenty of water and seek medical attention.

Ingestion : Wash mouth and throat immediately with plenty of water and seek medical attention.

Inhalation : Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

Skin contact : In the case of contact with skin, wash immediately with plenty of water and seek medical attention..

5. FIRE – FIGHTING MEASURES

Flash point (°C) : Not determined.

Auto-ignition temperature : Not determined.

Flammable limits in air - lower (%) : Not determined.

Fire fighting information :

Suitable extinguishing media : Use water, dry chemical, carbon dioxide or chemical foam.

Extinguishing media which must not be used for safety reasons : None.

Special protective equipment : Wear self-contained breathing apparatus for firefighting if necessary.
For firefighters
Hazardous combustion products : Carbon dioxide and carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid inhalation of mist or vapors. Wear eye protection if necessary.
Environmental precautions : No special environmental precautions required.
Methods for cleaning up : Flush with plenty of water.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions : Wear appropriate protective material.
Safe handling advice : Avoid breathing vapors or mist. Avoid contact with eyes.

Storage:

Technical measures/storage conditions: Store at RT. away from heat and light.
Incompatible products : Avoid contact with strong acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Safety glasses required.
Hand protection : Wear Latex/ Nitrile gloves.
Skin and body protection: Wear appropriate protective material.
Respiratory protection: Wear appropriate protective material.
Other/general protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid
Physical state : Liquid
Color : Colorless
PH : 1.5 – 2.5
Odor : Irritating (Characteristic Hydrogen Peroxide)
Water Miscibility : Miscible (Clear Solution)

10. STABILITY AND REACTIVITY

Chemical stability : Stable under recommended storage conditions.
Hazard polymerization : Hazardous polymerization does not occur.
Hazardous decomposition products: Unknown on product.
Materials to avoid : Strong acids and bases.
Conditions to avoid : Direct exposure to heat and sunlight.

11. TOXICOLOGICAL INFORMATION

Local effects

Oral : Unknown on product.
Eye irritation : Severe irritant to the eye.
Skin irritation : May cause skin irritation in sensitized individuals.
Inhalation : Inhalation of mist or vapors may cause irritation to the nose and throat.

Chronic toxicity

Oral : Not determined.

Inhalation : Not determined.

Dermal : Not determined.

Specific effects

Corrosive effects : Not determined.

Target organ effects : Not determined.

12. ECOLOGICAL INFORMATION

Eco-toxicity

Eco-toxicity effects : This product has no known eco – toxicological effects.

Aquatic toxicity effects : This product has no known aquatic toxicological effects.

Mobility : Unknown on product.

Persistence / degradability : Unknown on product.

Bioaccumulation : Unknown on product.

Degradation : Unknown on product.

13. DISPOSAL CONSIDERATIONS

This product may be disposed off in accordance with the regulations laid down by the local regulatory authority.

14. TRANSPORT INFORMATION

DOT : Not Applicable

IATA/ICAO : Not Applicable

15. REGULATORY INFORMATION

CAS No. : Not applicable.

Labeling : For External Use Only.

Safety Phrases : Avoid contact with the mucous membrane. In case of contact, wash immediately with plenty of water and seek medical attention.

16. OTHER INFORMATION

Additional advice : None

Literary Reference : None

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End of Safety Data Sheet