

MiCroBial Aqua

IDENTITY As USED ON LABEL OF PRODUCT

Product Name - MiCroBial Aqua

Recommended Use - Wastewater & Sewage Treatment

SECTION 1 - PRODUCT & COMPANY INFORMATION

Manufacturers name

MiCroBial Technologies

Address (Number, Street, City, State & ZIP Code)

Plot no 566, Karale Nagar, Degaon, North Solapur

Solapur - 413002, Maharashtra, India

Website - www.microbialtech.com

Email id - support@microbialtech.com

Emergency Telephone Number

91 8888885375

Telephone no for Information

91 - 8888885375

SECTION 2 -HEALTH HAZARD DATA

Possible Routes of Entry -Inhalation, Ingestion, Eyes and Skin.

Inhalation - Inhalation of dust may cause respiratory tract irritation in some individuals.

Ingestion - Litter or no effect in small amounts, ingestion of large quantities may cause nausea.

Skin/Eye Irritation - Direct contact with skin or eyes may cause mild irritation in some individuals.

Redness, other sign of topical infection

HEALTH HAZARD (ACUTE & CHRONIC) -

Chronic - Prolonged or repeated exposure may cause allergic dermatitis

Acute - Skin contact - Possible infection of open wounds

Carcinogenicity - NTP? N/A IARC monographs? N/A OSHA regulated? N/A

Signs and system of exposure - NA

Medical conditions Generally Aggravated by Exposure - Asthma, Lung disease may be aggravated by dust

SECTION 3 - COMPANY & IDENTITY INFORMATION**INGREDIENTS****CAS NUMBER****PERCENTAGE**

Dextrose powder

NA

90 %

Probiotics

NA

10 %

SECTION 4 - EMERGENCY & FIRST AID PROCEDURE

Skin contact - Wash with soap and water (Bacteria are susceptible to several antibiotics)

Eye Contact - Flush with plenty of water, contact physician (Bacteria are susceptible to several antibiotics)

Inhalation - Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration

Ingestion - Call a doctor immediately, if large amount is swallowed. Have a person a glass of water if able to swallow.

Do not give anything by mouth to an unconscious person.

SECTION 5 - FIRE & EXPLOSION HAZARD DATA

Flash Point Method Used - NA

Extinguishing Media - NA

Special Fire Fighting Procedures - Water, Co2 & Dry chemicals

Unusual Fire & Explosion Hazards - None

Flammable Limits - NA

Special Equipments - Self contained breathing apparatus and full protective gear as per the conditions and size of the fire

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions - Wear suitable protective clothing such as long-sleeved shirt, pants, waterproof gloves and shoes with socks.

Methods for Clean up - Carefully mop or sweep up spill and place in a closed container for disposal. Rinse area with water.

Fire Hazards - No unusual fire or explosion hazards.

SECTION 7 – HANDLING & STORAGE

Handling - Use handling procedures that minimize exposure to the product.

Waste Disposal Method - Can be land applied or placed in a MSW registered landfill. Follow all federal, state, and local regulations

Storage - Store in cool, dry location out of direct sunlight. Storage above 40°C (104°F) for extended periods is not recommended. Once opened, MiCroBial™ Aqua must be kept dry in an airtight container to prevent activation. Once in solution, MiCroBial™ Aqua has an effective life of 48 hrs

Section 7 Note - Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Wash any contamination from skin or eyes immediately. Wash hands and exposed skin after handling product.

SECTION 8 – PERSONAL PROTECTIVE MEASURES

Respiratory Protection (Specify Type): Normal Room Ventilation

Ventilation: Local Exhaust? Yes

Mechanical (General)? None

Special? No

Other? None

Eye Protection: Use protective glasses to avoid contact.

Work / Hygienic Practices: Avoid creation of dust.

Protective Gloves: If prolonged exposure is anticipated.

Other Protective Clothing or Equipment: As mentioned in Section 7.

SECTION 9 – PHYSICAL & CHEMICAL CHARACTERISTIC

Boiling Point – N/A

Vapor Pressure (mm Hg.) – N/A

Vapor Density (AIR = 1) - N/A

Solubility in Water – Partially soluble in water

Specific Gravity (H₂O = 1) – 1.4

Melting Point – N/A

Evaporation Rate (Butyl Acetate = 1) - N/A

Appearance & Odor – Light Brown color powder, earthy odor.

PH – 4.5 – 6.5

SECTION 10 – STABILITY & REACTIVITY DATA

Stability - Stable under normal and recommended conditions.

Incompatibility (Materials to Avoid): Strong acids or alkali may kill bacteria.

Hazardous Polymerization – None

Conditions to Avoid – Store above 45 degree Celsius should be avoided

Hazardous Decomposition of By-products – None

SECTION 11 – TOXICOLOGICAL INFORMATION

Oral Toxicity: Wear nuisance respirator while sweeping up powder. Avoid skin and eye contact. Wash skin and clothes with soap and water.

Dermal Toxicity: Dispose in accordance with all state, local, and Federal laws.

Inhalation Toxicity: Wash hands thoroughly with soap and water after use. Avoid contact with eyes.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Information: This product will not have any ecological impact on environment.

Ecotoxicity Information: Not known.

SECTION 13 – DISPOSAL PRECAUTION

Disposal Method: Non hazardous, can be disposed at landfill.

Dermal Toxicity: This product is suitable for disposal by all common method of disposal including landfill.

SECTION 14 – TRANSPORT INFORMATION

UN number: Not Allocated

UN Proper Shipping Name: Not Allocated

Dangerous Goods Class: Not regulated for shipment by air or ocean freight

HazChem Code: Not Allocated

SECTION 15 – REGULATORY INFORMATION

Symbol: Not Required

R Phrases: Not Required

S Phrases: Not Required