

Safety Data Sheet Biosol®

Section I: Product Information

Identity: Biosol®
Description: Brown pellet like material
Product Use: Organic fertilizer
Manufacturer: Sandoz GmbH
6250 Kundl, Austria
Telephone: 011-43 5338-200-2686
Emergency Telephone: 011-43 5338-200-2905

Section II: Hazardous Ingredients/Identity Information

Biosol® does not contain products in quantities considered to be hazardous.

Common Name: Organic Fertilizer (96% fungal biomass, 4% water)
OSHA Hazardous Material: No
CAS Number: Not applicable
OSHA Hazard Categories: N/A
Hazard Compound: None
Exposure Limits: Not established

Section III: Physical and Chemical Characteristics

Boiling Point (F): Solid, not applicable
Melting Point: Decomposes
Vapor Pressure (mm Hg): Solid, not applicable
Vapor Density (air=1): Solid, not applicable
Evaporation Rate: Solid, not applicable
Specific Gravity (H₂O=1): Solid, not applicable
Solubility in Water: Complete
Appearance & Oder: Brown pellet like. Slight medicinal odor.

Section IV: Fire and Explosive Data

Flash Point: Not applicable
Flammable Limits: 680° F (360° C)
LEL: 0.04 oz/cf
UEL: Not applicable
Extinguisher Media: CO₂, dry chemical, foam, water
Special Fire Fighting Procedures: Wear self contained breathing apparatus to avoid smoke.
Unusual Fire & Explosive Hazard: Avoid formation of dust. Avoid electrostatic charges.

Section V: Reactivity Data

Stability: Stable
Incompatibility (Materials to avoid): None
Hazardous decomposition or byproducts: Noticeable oxidation when in contact with air at 212° F (100° C). Flammable low-temperature carbonization gasses are formed at 536° F (280° C) or higher.
Hazardous Polymerization: None
Conditions to avoid: Avoid formation of dust. Avoid electrostatic charges.

Section VI: Health Hazard Data

Health Hazards: EYES: Dust may be irritating remove excess material from eyes. RESPIRATORY: may produce irritation or allergic response. SKIN: may cause dryness, wash skin with soap and water.

Carcinogenicity: Not established

Sign and Symptoms of Exposure: ACUTE: None Established. CHRONIC: None Established.

Medical Conditions Generally Aggravated by Exposure: None Established. However, like any dust, Biosol® Forte may produce respiratory irritation and/or allergic response in some individuals.

Emergency and First Aid Procedures: EYES: Remove excess material from eyes. Irrigate eyes with water. Consult physician if irritation persists.

Section VII: Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Large amounts: Must not be released into sewers, drains or wells. Take up by mechanical means and dispose. Small amounts: Sweep up dry and containerize. Reuse if suitable or dispose. Mop area with hot water to remove final traces.

Waste Disposal Method: Use as a fertilizer or incinerate in a suitable waste incineration plant.

Other Precautions: Store in a dry, cool place. Biosol® Forte is stable in dry form. Keep container closed to avoid moisture pick-up. Properly cover container and retest after extended storage to assure quality prior to use.

Section VIII: Control Measures

Respiratory Protection: Dust mask: tight fitting. (Necessary in case of high concentration of dust)

Eye Protection: Protective goggles

Ventilation: Use in a well-ventilated area

Protective Gloves: Not necessary

Other Protective Equipment: Not necessary