

## Safety Data Sheet Biosol® Forte

### Section I: Product Information

Identity: Biosol® Forte  
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® Forte does not contain products in quantities considered to be hazardous.**

Common Name: Organic Fertilizer (96% fungal and bacterial 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 (H<sub>2</sub>O=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: CO<sub>2</sub>, 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

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**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

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**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

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**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