



## Material Safety Data Sheet

**Product Name: Rossphyte 5000 DC**

### Section 1-Product Information

**Formula** : Phytase enzyme preparation

### Section 2-Composition, Information on Ingredients

**Appearance** : Off White to grayish granules

### Section 3-Hazards Identification

#### Potential Health Effects

**Eyes** : Direct contact with the eyes is likely slightly irritating.

**Skin** : Not expected to present a significant skin hazard under anticipated conditions of normal use.

**Ingestion** : Not expected to present a significant skin hazard under anticipated conditions of normal use.

**Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

### Section 4-First Aid Measure

**Eye contact** : Irrigate promptly with copious amount of clean water .Obtain medical attention

**Skin contact** : Remove contaminated clothing wash skin with water v. If symptoms occur seek medical advice .Contaminated clothing should be laundered before reuse

**Ingestion** : Wash out mouth with water and give 200-300 MJ(Half A Pint) of water to drink .Do not induce vomiting .Obtain medical attention if ill effects occur

**Inhalation** : Remove victim away from contaminated area. If you feel unwell, seek medical advice (show the label where possible).

### Section 5-Fire fighting procedure

**Fire extinguishing media:** Use any means such as water spray jet, extinguishing powder, CO<sub>2</sub>, foam suitable for extinguishing surrounding fire

**Special Procedures:** Firefighters should be equipped with self-contained breathing apparatus and turn out gear. There are no known unusual fire or explosion hazards.



## Section 6-Accidental Release Measure

**Personal Precautions** : Wear appropriate personal protective equipment. Keep unprotected persons away.  
**Environmental Precautions** : No special environmental precautions required.

**Environmental precautions:** Take up with absorbent material and dispose off. Prevent entry into surface waters, sewers and ground.

**Methods for cleaning up** : Clean up any spills as soon as possible, / or leakage an absorbent material to collect it. Use suitable disposal containers.

## Section 7-Handling and Storage

**Storage / Handling** : Use only in well ventilated areas.

**Packaging material suitable:** Store in a light container

## Section 8-Exposure control/Personal protection

**Respiratory protection** : Wear a NIOSH approved respiratory protection to avoid breathing dust and aerosol.

**Skin and body protection** : Avoid contact with skin & Eyes

**Eye protection** : Wear safety glasses, goggles or face shield.

## Section 9-Physical Chemical Properties

**Appearance** : Off White to greyish granules

**Odour** : Characteristic

**Solubility in water** : Insoluble

**Bulk Density** : 1.1 (+/- 0.5)

**pH (1% aqueous)** : 7.5 (+/- 1.0)

## Section 10-Stability and Reactivity

**General** : Stable under storage conditions (see section 7)

**Materials to avoid** : Strong alkali, acids, solvents, high temperatures

**Hazardous** : None

**decomposition products**

**Hazardous** : None

**polymerisation**

**Preventive measures** : Avoid contact with skin and eyes



## Section 11-Toxicity Information

### Irritation

<b>Eyes</b>	:	Non-Irritant
<b>Skin</b>	:	Non- Irritant
<b>Respiratory system</b>	:	may be Irritating
<b>Acute oral toxicity (LD50)</b>	:	>5000 mg/kg (rats), oral
<b>Carcinogenicity</b>	:	Information not available

## Section 12-Ecological Information

<b>LC50 (specify species and route):</b>	:	Information not Available
<b>Persistence degradability</b>	:	Information not Available
<b>BOD (5 days 20oC)</b>	:	Information not Available
<b>COD</b>	:	Information not Available

## Section 13-Disposal Considerations

**Methods of disposal:** Dispose in a safe manner in accordance with local/national authority regulations.

## Section 14-Transport Information

Not Classified as Hazardous for Transportation

## Section 15-Regulatory Information

Not Classified as Hazardous for Supply / Use

## Section 16-Additional Information

<b>Recommended Uses and</b>	:	See product bulletin for detailed information
<b>Further Information</b>	:	None

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