

PG Suspension: Material Safety Data Sheet (v3)

Date prepared: September 27 2005

Date revised: 04/11/19

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name:

PG Suspension

Producer Code:

MAPP 17009

Company/undertaking name & address:

Forest Research
Alice Holt Lodge
Farnham
Surrey
GU10 4LH

Tel: +44 1420 22255 Fax: +44 1420 23653

2. Composition

CAS number or other code	Chemical name of substance	Concentration	Warning Symbol, R phrases, other information
	Live spores and mycelium of <i>Phlebiopsis gigantea</i> (formerly <i>Peniophora gigantea</i>)	Approx 1% a.i. w/w (each sachet contains a minimum of 2.45×10^7 colony forming units in at least 7ml product)	
	Sucrose/ fructose mixture	<67% w/w	
	Water	<33%	
	Cellulose polymer (carboxymethylcellulose)	0.06% w/w	
3844-45-9	Food dye (Brilliant Blue FCF E133)	0.02% w/w	

Classification:

Suspension Concentrate

Further Information:

P. gigantea is a White rot fungus, naturally occurring living microorganism

3. Hazards Identification

None identified

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4. First aid measures

Skin contact:

Wash hands after handling. Wash spilled concentrate from skin with water. In the case of any skin irritation seek medical attention.

Eye contact:

Rinse eyes thoroughly with water for at least 10 minutes and consult a doctor if eye irritation develops

Ingestion:

Immediately give plenty of water. Never give anything by mouth to an unconscious person. Consult a doctor if symptoms of ill health develop.

5. Fire fighting measures

Suitable extinguishing media:

Water

Unsuitable extinguishing media:

none

Special hazards in fire:

none

Required special protective equipment for fire-fighters:

none

6. Accidental release measures

Personal precautions:

Avoid contact with skin, eyes and clothing. Wear protective gloves when handling the concentrate.

Environmental precautions:

P. gigantea is a common, naturally occurring fungus.

Methods for cleaning:

Use gloves. Clean up spills with water and disinfectant. Dispose as non-hazardous waste

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7. Handling and storage

Handling:

Avoid contact with skin, eyes and clothing. Wear protective gloves when handling the concentrate. When using, do not eat, drink or smoke. Wash hands immediately after handling

Storage:

Store unopened in a dry cool place at temperatures below +8°C. Keep out of the reach of children. Keep away from food, drink and animal food stuff.

8. Exposure Controls

Engineering measures:

Control Parameters:

Personal protection equipment:

Eye protection:

Not applicable

Hand protection:

Rubber or plastic gloves

Hygiene measures:

When using, do not eat, drink or smoke. Wash hands immediately after handling.

9. Physical and chemical properties

Appearance:

Viscous blue liquid

Odour:

None

pH:

<5

Boiling point:

105°C

Melting point:

Not applicable

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Flashpoint:

Not applicable

Explosive properties:

Not applicable

Vapour pressure:

Not applicable

Relative density:

Approx 1.5g ml⁻¹ suspension at room temperature

Solubility:

Highly soluble

10. Stability and reactivity

Conditions to avoid:

Temperatures over 20°C

Materials to avoid:

Food drink and animal food stuff

Hazardous decomposition products:

Not applicable

11. Toxicological information

Acute toxicity:

No data available

Local effects

No data available

Human experience

No adverse effects observed when used according to the instructions

12. Ecological information

P. gigantea is a common, naturally occurring fungus in coniferous forests.

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13 Disposal Considerations

Sachets remaining unused at their expiry date should be disposed of as non-hazardous waste. Packaging can be land-filled or incinerated in compliance with local and national regulations.

Unused working strength solutions should be discarded at the end of each day by pouring onto a stump at the work site at least 10m from a water course.

14. Transport information

Not classified as dangerous in terms of transport regulations

15. Regulatory information

Classification according to European directive on classification of hazardous preparations.

R-phrases

R43: May cause sensitisation by skin contact

S-phrases

S2 keep out of reach of children
S13 Keep away from food, drink and animal food stuff
S24 Avoid contact with skin
S37 Wear suitable gloves

16. Other Information

Recommendations/restrictions:

None applicable

Sources of key data used to compile Safety Data Sheet:

EU approved food additives database:

<http://www.food.gov.uk/safereating/additivesbranch/enumberlist>

Pubmed database: <http://www.ncbi.nlm.nih.gov/entrez/>

Dialogweb database: <http://www.dialog.com/>