

SAFETY DATA SHEET
according to 1907/2006 EC, Article 31

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Biosan G plus

Revision 3
Revision date 23-Apr-2008

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Biosan G plus
Description Brown granules.
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2 HAZARDS IDENTIFICATION.

Main hazards Irritating to skin. May cause sensitisation by skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Tea Tree Oil	<20%	68647-73-4	285-377-1	Xn; R22-65 Xi; R38 R10
Lemon Oil	<10%	8008-56-8	84929-31-7	Xn; R65 Xi; R38-43 N; R50/53 R10
Camphor (Bornan-2-one)	<0.5%	76-22-2	200-945-0	Xn; R20-68/22
Diatomaceous Earth	<80%	68895-54-9		Xn; R48/20

4. FIRST AID MEASURES

Skin contact Irritating to skin. May cause sensitisation by skin contact. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Harmful: danger of serious damage to health by prolonged exposure through inhalation. May cause irritation to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion Harmful: may cause lung damage if swallowed. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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5. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions.
Protective equipment	Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Camphor (Bornan-2-one)	WEL 8-hr limit ppm: 2 WEL 15 min limit ppm: 3	WEL 8-hr limit mg/m ³ : 13 WEL 15 min limit mg/m ³ : 19
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Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Suitable half mask respirator with filter P2 (EN 143)
Hand protection	Nitrile rubber gloves.
Eye protection	Approved safety goggles.
Protective equipment	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Granules.
Colour	White.
Odour	Strong.
pH	5.0 - 6.0 (5% suspension in water)
Relative density	0.67 g/ml (tapped density)
Water solubility	insoluble in water.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Harmful: may cause lung damage if swallowed.
Corrosivity	Irritating to skin.
Sensitization	May cause sensitisation by skin contact.
Repeated or prolonged exposure	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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12. ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Mobility Insoluble in water.

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 3077	Packing group III
Class 9	Hazard ID 90
Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (Lemon Oil).	

IMDG

UN 3077	Packing group III
Class 9	Marine pollutant .
EmS Code F-A S-F	

IATA

UN 3077	Packing group III
Class 9	Subsidiary risk -
Packing Instruction 911 (Cargo)	Maximum quantity 400 kg
Packing Instruction 911 (Passenger)	Maximum quantity 400 kg

15. REGULATORY INFORMATION

Symbols Xn - Harmful; N - Dangerous for the environment



Risk phrases

R38 - Irritating to skin.
R43 - May cause sensitisation by skin contact.
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.

Safety phrases

S24 - Avoid contact with skin.
S29 - Do not empty into drains.
S37 - Wear suitable gloves.
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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16. OTHER INFORMATION

Text of risk phrases in Section 3.

R10 - Flammable.

R20 - Harmful by inhalation.

R22 - Harmful if swallowed.

R38 - Irritating to skin.

R43 - May cause sensitisation by skin contact.

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

R68/22 - Harmful: possible risk of irreversible effects if swallowed.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.