

SAFETY DATA SHEET
Corresponding to EC Directive 93/112/EC

142781002

Date of issue: 3-Feb-1999

Replaced version of:

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: BIOSOL MIX Product Number: 142781

Product Name: BIOSOL MIX
Company Name: BIOCHEMIE Ges.m.b.H
 6250 Kundl/AUSTRIA

 Phone: 43-5338-200
Emergency Phone Number: 43-5338-200-2905

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization of the substance / preparation

Contains: BIOSOL MIX

3. HAZARDS IDENTIFICATION

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.

4. FIRST AID MEASURES

- ◆ After contact with eyes: Immediately rinse eyes with running water
- ◆ After contact with skin: Rinse contaminated skin immediately with plenty of water
- ◆ After inhalation: Consult a physician if irritating symptoms develop and persist.
- ◆ After ingestion or accident: Rinse mouth.

5. FIRE FIGHTING MEASURES

- ◆ Extinguishing media, suitable: all
- ◆ Extinguishing media, not to be used: no restrictions
- ◆ Special advice in case of fire: Cool container and metallic parts with a water spray jet
- ◆ Hazardous products of combustion: carbon dioxide, carbon monoxide, nitrogen oxides

6. ACCIDENTAL RELEASE MEASURES

- ◆ After spillage, leakage, gas leakage, large amounts:
Must not be released into sewers, drains or wells.
Take up by mechanical means and dispose.
- ◆ After spillage, leakage, gas leakage, small amounts:
Wash away with plenty of water.
- ◆ Cleaning of equipment:
Wash with plenty of water.

7. HANDLING AND STORAGE

- ◆ Preventive protective measures (fire/explosion hazard):

Avoid formation of dust. Observe the usual precautionary measures required for chemicals with dust explosive properties (Observe national regulations).

- ◆ Protective measures, storage and handling:
Keep dry.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- ◆ Industrial hygiene:
After finishing work wash hands and face with water and soap
- ◆ Personal protection for open handling:
Respiratory protection: in case of dust, use dust-mask.
Eye protection: safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Granules
Color: Dark Brown
Odor: Characteristic
Bulk Density: approx. 870 kg/m³
PH-value: approx. 5 (100 g/l / 20°C)

10. STABILITY AND REACTIVITY

Dust explosion test: positive

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Easily biodegradable

13. DISPOSAL CONSIDERATIONS

Local regulations should be adhered to. May be incinerated if local official regulations are observed.

14. TRANSPORTATION INFORMATION

Regulations	Class	UN-Nr.	PG.
RID/ADR:	not classified		

15. REGULATORY INFORMATION

Classification: No labeling requirements according to EC Directives.

16. OTHER INFORMATION

Changes since the previous version in chapter
10. Stability and reactivity
14. Transport information

Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.

Description: BIOSOL

cf. analysis no.
389173,491182

Appearance: FINE POWDER (< 1mm), BROWNISH

Test phase 1	Additional Information *)	
burning test:	BZ: 3	burning test at 100°C BZ:3
ignition test:	BZ: 1	< 360°C
drop-weight test:	BZ: 1	quantity light 0 detonations with capsule 0
	POSITIVE	dust concentrations:
	BZ: 1	g/m ³ 100 200 500 1000
		BZ: 1 1 1 0
		Ignition source: PERMANENT SPARK
		Burning dust: NO
decomposition test: Isoperibol:		auto-catalytic: NO appearance after therm. Load at 150°C: DISCOLOURED
dynamic		exothermic reaction: STRONGER IN AIRSTREAM THAN WITHOUT ACTIVE O ₂ ADDITION
spontaneous: NO		endothermic from 80°C endothermic through: EVAPORATION OF H ₂ O/SOLVENT
combustible carbonization gases from: 280°C		indication of deflagration: NO

*) This additional information is NOT evaluated in DIRECTIVE 17 but contains valuable data on the substance. In the case of interpretation problems please contact ZSL (061 324 5713).

Laboratory comments:

Date of Issue: 7 November 1991

Status: APPROVED

Signed: