

2002

## Safety data sheet in accordance with 93/112/EC

Formosul POWDER (CODE 2002)

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Substance key: 000000030657  
Version : 1 - 2 / GB

Issue date : 22.08.06

### 1. Identification of the substance/preparation and company

**Manufacturer:**

Trade name

**Formosul**

Identification of the company

Information about the substance/preparation  
Textile, Leather & Paper Chemicals

Please note: This is the MSDS provided by the supplier of these goods to FIBRECRAFTS.

FIBRECRAFTS does not have the qualifications necessary to gather such specialised data.

Tel: 01483 565800

### 2. Composition/information on ingredients

Chemical characterization  
Sodium formaldehyde sulphonylate

CAS number : 149-44-0

### 3. Hazards identification

Contact with acids liberates toxic gas.

### 4. First aid measures

After inhalation

If inhaled remove to fresh air; if not breathing give artificial respiration.

After contact with skin

Rinse skin immediately with water, soap and brush. Immediately remove contaminated clothing. Consult a physician if any symptoms develop.

After contact with eyes

Rinse immediately with gently running water for 15 minutes, maintaining eyelids open. Consult an ophthalmologist or a physician.

After ingestion

Do not induce vomiting.

When swallowed accidentally, drink sufficient amounts of water and seek medical aid.

### 5. Fire-fighting measures

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Suitable extinguishing media  
water  
dry sand  
carbon dioxide

Special hazards from the substance itself, its combustion products or from its vapours  
carbon dioxide  
carbon monoxide  
sulfur dioxide

Further information  
Use self contained breathing apparatus.

## 6. Accidental release measures

Personal precautions  
Do not inhale dust.  
Ensure adequate ventilation.

Environmental precautions  
Do not allow spill product to enter soil or waterways

Additional information  
Take up by mechanical means and dispose.

## 7. Handling and storage

Advice on safe handling  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Ensure an adequate supply of fresh air in enclosed working areas when using this product.  
Store container in cool and dry place.

Advice on storage compatibility  
Do not store with acids  
Do not store together with oxidizing agents.

Further information on storage conditions  
Protect from atmospheric moisture and water

## 8. Exposure controls/personal protection

Hygiene measures  
Change contaminated clothes immediately.  
Do not breathe dust.  
Wear suitable protective clothing and gloves.  
Ensure sufficient exhaust ventilation.

Respiratory protection :            Yes

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Hand protection :	chemical-resistant gloves
Eye protection :	tightly fitting safety goggles

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## 9. Physical and chemical properties

Form :	Powder
Colour :	white
Odour :	characteristic
Melting point :	app. 63 °C
Boiling point :	not applicable
Self-ignition temperature :	unknown
Vapour pressure :	not applicable
Bulk density :	app. 950 kg/m <sup>3</sup>
Solubility in water :	approx. 600 g/l (20 °C)
pH value :	approx. 10 (20 °C, 100 g/l)
Further information (phys.-chem.)	

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## 10. Stability and reactivity

### Hazardous reactions

Evolution of sulphur dioxide under influence of acids.  
Reactions with oxidising agents.

### Hazardous decomposition products

sulfur dioxide

### Conditions to avoid

moisture  
heat

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## 11. Toxicological information

Acute oral toxicity :	LD50 > 5,000 mg/kg (rat)
Irritant effect on skin :	non irritant (rabbit) Method : OECD 404 * 1981 dermal irritation / corrosion

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Irritant effect on eyes : non irritant (rabbit)  
Method : OECD 405 \* 1987 eye irritation / corrosion

## 12. Ecological information

Biodegradability : > 70 % (COD)  
well degradable in biol. waste water treatment plant  
Method : OECD 302B \* 1981 Mod. Zahn-Wellens (inherent)

Fish toxicity : LC0 10,000 mg/l (48 h, golden orfe (leuciscus idus melanotus))

Fish toxicity : LC50 > 10,000 mg/l (48 h, golden orfe (leuciscus idus melanotus))

Chemical oxygen demand (COD) : 490 mg/g

Biochemical oxygen demand (BOD5) : 14 mg/g  
5 d

Remarks  
The product consumes oxygen from water

## 13. Disposal considerations

Product  
Dispose of in accordance with local authority regulations

Composition  
C ( 10.2 % ) , H ( 2.6 % ) , Na ( 19.5 % ) , O ( 40.6 % ) , S ( 27.2 % ) ,

## 14. Transport information

ADR not restricted

RID not restricted

ADNR not restricted

IMDG not restricted

IATA not restricted

## 15. Regulatory information

Labelling in accordance with EC-Directives  
No labelling requirements according to EC Directives.

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National regulations

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## **16. Other information**

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This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.