

Issued by Hakan Norberg

# Safety Data Sheet

## Zugol - Environmental Protection Material

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** Zugol - Environmental Protection Material  
**SUPPLIER:** Zugol AB Svensk Barkindustri, Österå 145, SE-791 91 FALUN, SWEDEN  
**TELEPHONE:** +46-23-300 69  
**E-POST:** info@zugol.com  
**CONTACT PERSON:** Hakan Norberg

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.:	CONTENT %	INGREDIENT NAME:
	85	Dried crushed bark of pine
	15	Wood fibers
7732-18-5	<1	WATER

### COMPOSITION COMMENTS:

The content is declared according to the Commission recommendation for the labelling of chemical products, 89/542/EEC, changed 96/65/EG, 98/98/EG.

### 3. HAZARDS IDENTIFICATION:

Not regarded as a health hazard under current legislation. Dry dust could cause irritation. Inflammable.

### 4. FIRST AID MEASURES:

**INHALATION:** Fresh air.

**INGESTION:** Drink a few glasses of water or milk.

**SKIN:** Wash skin with water.

**EYES:** Rinse the eye with water.

### 5. FIRE FIGHTING MEASURES:

#### EXTINGUISHING MEDIA:

Use extinguishing media, water, appropriate for surrounding fire.

#### UNUSUAL FIRE & EXPLOSION HAZARDS:

Inflammable according to national regulations concerning flammable dust. Low  
at 7,5 % < 0,25 mm particle size

### 6. ACCIDENTAL RELEASE MEASURES:

#### SPILL CLEANUP METHODS:

Smaller spill: Flush with of water to clean spillage area.

Larger spill: Flush to sewer if local regulations permit.

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## **7. HANDLING AND STORAGE:**

### **USAGE PRECAUTIONS:**

Working conditions must be arranged to avoid prolonged contact. Avoid spilling, skin and eye contact. Eye wash facilities ought to be found in place of work.

### **STORAGE PRECAUTIONS:**

Dry place

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION: PROTECTIVE GLOVES:**

For prolonged or repeated skin contact use suitable protective gloves.

### **EYE PROTECTION:**

Wear eye goggles to prevent any possibility of eye contact.

### **BREATHING PROTECTION:**

Dust filter P 2

## **9. PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE:** Granulates.

**COLOUR:** Brown.

**ODOUR/TASTE:** None or wood.

**SOLUBILITY DESCRIPTION:** -

**DENSITY/SPECIFIC GRAVITY (g/ml):** 0,250 **TEMPERATURE (°C):** 20

**pH-VALUE, CONC. SOLUTION:** - **FLASH POINT (°C):** -

## **10. STABILITY AND REACTIVITY:**

**STABILITY:** Normally stable. Risk for dust explosion when particles < 0,25 mm is accumulated **MATERIALS TO AVOID:** Oxidizing agents, nitric acid may form nitrous gases.

**HAZARDOUS DECOMP. PRODUCTS:** No specific hazardous decomposition products noted, except smoke of fire.

## **11. TOXICOLOGICAL INFORMATION:**

### **HEALTH WARNINGS:**

Dust in the eyes may cause irritation.

Prolonged or repeated exposure to this substance may cause: drying of skin. Substance can cause irritation of mucous membranes.

## **12. ECOLOGICAL INFORMATION:**

### **ECOLOGICAL INFORMATION:**

Not regarded as dangerous for the environment.

## **13. DISPOSAL CONSIDERATIONS:**

### **DISPOSAL METHODS:**

Confirm disposal procedures with environmental engineer and local regulations. The package is made of High Density Polyethylene (HDPE).

## **14. TRANSPORT INFORMATION:**

### **ROAD TRANSPORT:**

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**ADR CLASS No.:** Not dangerous according to ADR.

**RAIL TRANSPORT:**

**RID CLASS No.:** -

**SEA TRANSPORT:**

**IMDG CLASS:** -

**AIR TRANSPORT:**

**ICAO CLASS:** -

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:

No label required

**RISK PHRASES:** Not classified.

**EU DIRECTIVES:** This Safety Data Sheet is in accordance with 91/155/EEC. For the distribution and handling please comply with the national (regional) regulations or any other national measures that might be relevant.

**TLV** 2 mg/m<sup>3</sup> (K); 1 mg/m<sup>3</sup> (new constructions) (Sweden)

## 16. OTHER INFORMATION:

**ISSUED BY:** Hakan Norberg

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