



*Specialized in chemicals*

**Material Safety Data Sheet**

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**Super Absorbent Polymer**

**Section 1: Chemical Product and Company Identification**

**Molecular formula:** not available

**CAS Nr:** not available

**EINECS:** not available

**Molecular weight:** not available

**Synonyms:** SAP

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**Section 2: Composition and Information on Ingredients**

**Composition:**

Name	CAS #	By Weight
Super Absorbent Polymer	-----	97%

**Toxicological Data on Ingredients:** Not applicable.

**Section 3: Hazards Identification**

**3.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008.



Classification according to Directive 67/548/EEC.



*Xi: Irritant*

R36: irritating to eyes

**3.2 Label elements**

Label according to Regulation (EC) No. 1272/2008.



**3.3 Other hazards** - none

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### In case of skin contact

Wash off with soap and plenty of water.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

## Section 5: Fire and Explosion Data

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

Carbon oxides

### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

### 5.4 Further information

no data available

## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### **Section 8: Exposure Controls/Personal Protection**

#### **8.1 Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

#### **8.2 Personal Protective Equipment:**

Respiratory: Government approved respirator.

Eye: Chemical safety goggles

Clothing: wear appropriate protective clothing.

Hand: Protective gloves

Other Protect: No smoking, drinking and eating at working site. Wash thoroughly after handling.

### **Section 9: Physical and Chemical Properties**

Appearance: white crystalline powder

Odor: weak odor

Melting point >310°C carbonization

PH: not available

Solubility: insoluble in water

### **Section 10: Stability and Reactivity Data**

Stability:

Stable under normal temperatures and pressures.

Conditions to avoid:

Moisture.

Materials to avoid:

Strong oxidizing agents, bases.

Hazardous polymerization

Will not occur

Hazardous decomposition products:

Carbon oxides.

### **Section 11: Toxicological Information**

Toxicity data:

No data available

Irritation data:

May cause irritation to eyes, respiratory system and skin.

### **Section 12: Ecological Information**

#### **12.1 Toxicity**

no data available

#### **12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Other adverse effects**

no data available

**Section 13: Disposal Considerations**

**13.1 Waste treatment methods Product**

Offer surplus to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

**Section 14: Transport Information**

ADR/RID: non-hazardous for transport: this substance is considered to be non-hazardous for transport.

IATA: non-hazardous for air transport

IMO: non-hazardous for sea transport

**Section 15: Other Regulatory Information**

EU additional classification

S 2 26

Safety statements: Keep out of the reach of children. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

**Section 16: Other Information**

<b>MSDS</b>	<b>Creation</b>	<b>Date:</b>	03/01/2001
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