

**Material Safety Data Sheet**

91/155/EEC

Revised : 09 / 08 / 2007

Date of Printing : 12/10/2007

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**1. Identification of the Substance / Preparation and Company**

**Product Name & Use :** Aquabel **Gypsum**  
**Manufacturer / Supplier :**  
PLACOPLATRE, SA Rond Point du Fayel; RD 3  
95560 BAILLET EN FRANCE  
Tél : +33 (0)1 34 08 32 00

**2. Composition / Information on Ingredients**

**Chemical Composition :** Calcium Sulphate Dihydrate  $\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$  CAS-No.13397-24-5  
Natural gypsum  
**Dangerous Substances :** NONE  
**Additional Guidelines :** Calcium sulphate has not to be labelled according to EU-directives and the regulation on hazardous substances

CAS-No	Chemical Formula	Content	Limit Concentration in the Air
13397-24-5	$\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$	> %95	Max. Value (*) $6\text{mg}/\text{m}^3$

(\*) maximum admissible concentrations at the workplace ( TRGS 900 / Germany )

**3. Hazards Identification**

**Description of hazard :** Non Dangerous Product in condition of use.  
**Additional guidelines concerning for humans and the environment :** NONE

**4. First-Aid Measures**

No particular measures required.

**Ingestion :** Drink plenty of water and consult doctor.  
**Eye contact :** Wash out with plenty of water and consult doctor.

**5. Fire Fighting Measures**

**Suitable Quenching Agents :** All suitable quenching agents, product itself is not combustible.

**Unsuitable Quenching Agents :** NONE

**Special exposure hazards arising from dust, combustion or gas development :** at temperatures  $>1200^\circ\text{C}$  sulphur trioxide will be produced

**Special Protective Equipment :** NONE

**6. Accidental Release Measures**

**Procedure for cleaning / absorption :** Absorb mechanically, take up in a dry state.

**7. Handling & Storage**

**Handling :** No particular measures required if used correctly.  
**Storage :** Store in a dry place. Storage class VCI 13 / non-combustible solid substance

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### 8. Exposure Controls / Personal Protection

**Components with work-place related limits to be monitored**

CAS-No	Chemical Formulation	Limits (TRGS 900, Germany)
13397-24-5	CaSO <sub>4</sub> 2 H <sub>2</sub> O	MAK Value 6mg/m <sup>3</sup>

**Personal Protective Equipment** : Measures for general protection and hygiene**Respiratory Protection** : Maintain the general maximum admissible concentration in the work place (6 mg/m<sup>3</sup>)  
In case of strong dust emission wear respiratory filters P1 or FFP1

### 9. Physical and Chemical Properties

**Physical Properties** :

<b>Appearance</b> :	<b>White powder</b>
<b>Odour</b> :	<b>odourless</b>
<b>pH</b> :	<b>near neutral</b>
<b>Thermal decomposition of gypsum</b>	into CaSO <sub>4</sub> and H <sub>2</sub> O above ~140°C (413 K) into CaO and SO <sub>3</sub> above ~1000°C (1273 K)
<b>Density</b>	CaSO <sub>4</sub> · 2 H <sub>2</sub> O 2.3 g/cm <sup>3</sup>
<b>Solubility</b>	~ 2 g/l (H <sub>2</sub> O)
<b>Non-combustible.</b>	

### 10. Stability & Reactivity

**Stable at ambient temperatures and under normal use conditions.**  
**May react with oxidising and strong oxidising agents.**  
**On combustion or thermal decomposition releases Carbon oxides.**

### 11. Toxicological Information

**Non Toxic**

### 12. Ecological Information

To date product has not been known to cause detrimental eco-toxic effects.

### 13. Disposal Considerations

**The Product** : Waste Disposal No.: 10 12 06 (European Waste Catalogue)

**Contaminated Packaging** : **For contaminated containers**, please contact manufacturer.  
**Contaminated Bags or Other Packaging** should ideally be emptied; it then can be recycled after having been decontaminated.

**14. Transportation Information**

Not regulated by national or international transportation regulations.

**15. Regulatory Information**

**Labelling According to EU – directives :** Calcium sulphate does not require labelling Directive 67/ 548  
Preparation does not require labelling Directive 88/379/EEC

**16. Other Information**

All information provided based on our latest knowledge and described the product only with regard to safety requests .