

**QUBÌ** ed. 2.0 (ENG) 1/02/2011 rev. 3/03/2015

**Safety Data Sheet (SDS)** in accordance with Reg. 1907/2006/CE -453/2010/CE

## 1 Identification of the mixture and the company

### 1.1 Product identifier

*Qubi (Natural gypsum -mineral occurring in nature)*

### 1.2 Relevant identified uses of the mixture and uses advised against

Natural gypsum suitable for the manufacture plasters

### 1.3 Details of the supplier of the data sheet

MARMILAME srl - 54100 Massa (MS) - Italia tel: +39 0585 792792 fax: +39 0585 793311  
e-mail address of the responsible person: info@marmilame.com

### 1.4 Emergency telephone number

02 66101029 (Poisons Control Center – Milan - Italy)

## 2 Hazards identification

### 2.1 Classification of the substance on ingredients

According to Directive 1999/45/EC: not classified as dangerous

According to CLP-Regulation (EC) 1272/2008: not classified as dangerous

### 2.2 Label elements

According to Directive 1999/45/EC: not labelled as dangerous

According to CLP-Regulation (EC) 1272/2008: not labelled as dangerous

### 2.3 Other hazards

Dust – In high concentration may irritate respiratory system.

Skin – May cause dryness of skin when exposed for long time

## 3 Composition / information on ingredient

Ingredient formula CAS-Nr. EC-Nr. concentration Calcium sulphate (natural)  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$  10101-41-4  
231-900-3 >90% w/w

Minerals occurring in nature and not chemically modified are listed in Annex V of Regulation EC n. 1907/2006 and are thus exempt from REACH registration.

No classification according to regulation 67/548/EC and CLP-Directive (EU) 1278/2008

## 4 First aid measures

### 4.1 Description of first measures

#### General information

The product is not classified as dangerous. In case of skin irritation contact a dermatologist.

#### After eye contact

Wash eye with clean water. Seek medical advice if irritation persists.

#### After skin contact

Wash off immediately with soap and water

#### After inhalation

Remove person to fresh air. Ensure supply of fresh air

#### After ingestion

Drink plenty of water and seek medical advice

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

No specific symptoms or effects have been reported

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

Not applicable, Bring this document if you contact a doctor.

## 5 Firefighting measures

- 5.1 **Extinguishing media**  
Non combustible. Use extinguishing media appropriate for surrounding fire
- 5.2 **Special hazards arising from the mixture**  
The products are fire resistant, but packaging may burn.
- 5.3 **Advice for fire fighters**  
Product hardens in contact with water

## 6 Accidental release measures

- 6.1 **Personal precaution, protective equipment and emergency procedures**  
Avoid contact with eyes and skin. Use protective goggles and gloves. See Sections 7 and 8.
- 6.2 **Environmental precautions**  
Keep out of drains, sewers, ditches and waterways. Minimise use of water to prevent contamination.
- 6.3 **Methods and material for contained and clearing up**  
Scoop up material and place in a disposal container. Take up spilled product in dry condition. Product hardens in contact with water.
- 6.4 **Reference to other sections**  
Protective measures in section 8. Disposal measures in section 13.

## 7 Handling and storage

- 7.1 **Precautions for a safe handling**  
Avoid contact with skin and eyes. Minimise and control dust when mixing products in confined spaces
- 7.2 **Condition for safe storage, including any compatibilities**  
Store in a covered, dry, climate controlled area. Keep container closed. Keep out of children.
- 7.3 **Specific end use**  
Manufacture of special plaster, surgical and dental work – see section 1.2 .

## 8 Exposure controls / personal protection

- 8.1 **Control parameters**  
Total inhalable for  $\text{CaSO}_4$ -TWA:  $5\text{mg}/\text{m}^3$
- 8.2 **Exposure controls / personal protection**

### General protective and hygiene measures

Do not eat or drink during work. Avoid contact with eyes and skin. Minimise and control dust.

### Respiratory protection

If dust cannot be controlled wear a half face mask conforming to EN 140

### Skin protection

Wear gloves to avoid prolonged or repeat contact

### Eye protection

Wear safety goggles conforming to EN 166

## 9 Physical and chemical properties

- 9.1 **Information on basic physical and chemical properties**

*Appearance* Powder *Colour*  
White *Odour* Odourless

*Decomposition temperature*  $\text{CaSO}_4 + \text{H}_2\text{O}$  about  $140^\circ\text{C}$   $\text{CaO}$   
 $+ \text{SO}_3$  about  $1000^\circ\text{C}$  *Bulk density*  $0,7 \div 1,3 \text{ gr}/\text{cm}^3$  (at  $20^\circ\text{C}$ )  
*Solubility in water* about  $1,5 \text{ gr}/\text{lt.}$  (at  $20^\circ\text{C}$ )

*PH Value*  $6 \div 8$  (at  $20^\circ\text{C}$ ) *Lower*  
*Flammability Limit* Not applicable *Upper*  
*Flammability Limit* Not applicable

- 9.2 **Other information**

None

## 10 Stability and reactivity

- 10.1 **Reactivity**  
Products harden with water. No materials to avoid known.
- 10.2 **Chemical stability**  
Keep dry. Stable under normal storage conditions.
- 10.3 **Possibility of hazardous reactions**  
Mixing with an aqueous solution of sodium carbonate will result in the formation of carbon dioxide.
- 10.4 **Conditions to avoid**  
Stable if stored in dry conditions.

## 10.5 Incompatible materials

None identified.

## 10.6 Hazardous decomposition products

Decomposition takes place from temperatures above 1000 °C in calcium oxide and sulfur dioxide.

## 11 *Toxicological information*

### 11.1 Information on toxicological effects

No toxicological test has been completed on the product itself

#### LD/LD50 Calcium Sulphate, main component

Acute oral toxicity: LD50 oral rat > 1581 mg/kg -according to guideline OECD 420

Acute inhalative toxicity: LD50 oral rat > 2,61 mg/L -according to guideline OECD 403

Skin irritation: No irritation for rabbit -according to guideline OECD 404

#### Sensitization

No effect anticipated. Not hazardous by OSHA criteria.

## 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 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

Keep out of drains, sewers, ditches and waterways.

## 13 *Disposal considerations*

### 13.1 Waste treatment methods

Keep out of drains, sewers, ditches and waterways. Wastes from gypsum are normally classified as not hazardous. Do not co-dispose with municipal waste, but dispose at an authorized site in accordance with local Environmental Regulations. In EC use European

Waste Code 17 08 02.

Not contaminated packaging can be recycled.

## 14 *Transport information*

Not classified as dangerous in terms of transport regulations (IMDG, ADR, RID, IACO/IATA)

### 14.1 NU number

Not to apply

### 14.2 NU proper shipping name

Not to apply

### 14.3 Transport hazard class

Not to apply

### 14.4 Packing group

Not to apply

### 14.5 Environmental hazard

Not to apply

### 14.6 Special precaution for users

Not to apply

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not to apply

## 15 *Regulation information*

### 15.1 Safety, health and environment regulations/legation specific for the mixture

This Safety Data Sheet complies with Regulation (EC) 1907/2006 – (REACH)

**National Regulation:**  
**Italy: Decreto legislativo n. 81/2008**

Users must observe the measures of their own workplace health and safety risk assessment. Regarding personal protection devices, see Section 8.

## 15.2 Chemical safety assessment

No safety assessment has been accomplished on the product itself.

## 16 Other information

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This SdS is a translation of the Italian version and refers to the legal requirements in Italy

### 16.1 List of modify

This Safety data Sheet has been modified to comply with: -Regulation (EC) nr. 1907/2006 (REACH) - Regulation (EC) nr. 1272/2008 (CLP)

### 16.2 Abbreviations and Acronyms

TWA: Time Weighted Average LD50: Median Lethal Dose OECD: Organisation for Economic Cooperation and Development PBT: [Persistent, Bioaccumulative, Toxic chemical](#) vPvB: very Persistent, very Bioaccumulative chemical IMDG: International Maritime Dangerous Goods ADR: Agreement on the transport of Dangerous goods by Road RID: Regulations on the International transport of Dangerous goods by Rail IATA: International Air Transport Association