



## Material Safety Data Sheet

# BREWERS' GYPSUM

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Brewers' Gypsum  
Product code: BWS : GP  
Supplier: Brewers Supply Group Inc  
312 Connell Highway, Newport RI 02840 USA  
Tel. 1-800 816 8542  
Fax 1-401 845 4647

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Description: hydrated calcium sulfate  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$   
Chemical nature / Synonyms: Terra Alba  
Cas Nos: As listed below

<u>Chemical Identiv</u>	<u>%</u>	<u>CAS</u>	<u>PEL (mg/m<sup>3</sup>)</u>	<u>TLV (mg/m<sup>3</sup>)</u>
Gypsum	90-98	13397-24-5	15(T) 5(R)	10
Limestone	0-10	1317-65-3	15(T) 5(R)	10
Crystalline Silica	<5	14808-60-7	0.1(R)	0.1(R)

(T) = Total (R) = Respirable

### 3. HAZARDS IDENTIFICATION

Eyes: Direct contact can cause mechanical irritation of the eyes. If burning, redness, itching, pain or other symptoms persist or develop consult a physician.

Skin: No toxic effects from powdered gypsum are noticed. This material has an affinity for moisture, and frequent exposure may have a drying effect on the skin. Irritation may be experienced. This may lead to dermatitis.

Inhalation: Inhalation of dusts from this product may irritate the nose, throat, lungs and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions. If symptoms persist, consult physician.

Ingestion: This product is non-toxic however, ingestion of a sufficient quantity could lead to mechanical obstruction of the gut, especially the pyloric region.

Chronic Inhalation: Not known for gypsum. Prolonged and repeated exposure to respirable crystalline silica can result in lung disease (silicosis) and/or lung cancer.

### 4. FIRST AID MEASURES

Inhalation: Remove from exposure. If irritation develops, consult a doctor.

Skin contact: Wash skin with mild soap and plenty of cold water. A hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing.

Eye contact: Irrigate eyes with cold water for at least 15 mins. Obtain medical advice if irritation persists.

Ingestion: Ingestion of sufficient quantity may result in mechanical obstruction of the gut. If there is any discomfort consult a doctor.

### IMPORTANT FOR YOUR PROTECTION

The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty of representation in respect of safety in use, suitability, efficacy or otherwise including freedom from patent infringement. Users should make their own tests for their particular purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information and recommendation contained herein.



## 5. FIRE FIGHTING MEASURES

Suitable fire fighting extinguishing media: water, foam  
Special risks : Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

Avoid creating excessive dust. Wear appropriate protective equipment. Scoop up material from spillage into a waste container for disposal, or if not contaminated by foreign material it may be reclaimed for processing

## 7. HANDLING AND STORAGE.

Store product in dry conditions. Transport product in tightly closed packages, protected against humidity. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection is necessary in circumstances where there is accidental or uncontained release of product.

Respiratory protection : Dust respirator (Always use an European Standard EN149 or NIOSH approved)  
Hand Protection : Impermeable gloves  
Eye Protection : Protective glasses

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Colour/Physical state : White powder  
Odour : Odourless  
Flashpoint : Not applicable  
pH: 7.3 (10% slurry)  
Density: 2.32- 2.96 g/cm<sup>3</sup>

## 10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use. At temperatures above 1450°C could produce SO<sub>2</sub> and CaO

## 11. TOXICOLOGICAL INFORMATION

Repeated inhalation of dust may cause sensitization and will cause allergic type reactions in sensitized individuals.

### Carcinogenicity:

Material	IARC	NTP
Crystalline Silica	Group 1	Anticipated.

In June 1997, the International Agency for Research on Cancer (IARC) classified crystalline silica (quartz and cristobalite) as a human carcinogen. In making the overall evaluation, IARC noted that the carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity of distribution of its polymorphs.

IARC states that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)

## 12. ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the product is handled and disposed of with due care and attention

## 13. DISPOSAL CONSIDERATIONS

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Product and contaminated packaging must be disposed of by deep burial, in accordance with local, state and federal authority regulations.

#### **14. TRANSPORT INFORMATION**

This product is not a dangerous good according to international regulations for transport.

#### **15. REGULATORY INFORMATION**

##### **US Federal/European/International Regulations**

Not classified as dangerous.

#### **16. OTHER INFORMATION**

**Supersedes edition of : 15/9/1998 Reason for alteration : Changes in Sections: 1 .**

The information contained in this safety data sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendation or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product. The information in this sheet does not represent analytical specifications, for which please refer to our technical data sheet.

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