



# MATERIAL SAFETY DATA SHEET

(91/155/EEC)

**GIPSBIFIRE®**

Nov 2002

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## 1 IDENTIFICATION OF THE SUBSTANCE AND COMPANY

- 1.1 Commercial name: GIPSBIFIRE®  
1.2 Company identification BIFIRE SRL, Via Fermi 10,  
20054 Nova Milanese (MI) Italy  
1.2.1 Emergency Telephone #39/0362/364570

## 2 COMPOSITION / INGREDIENTS

- 2.1 Composition: Sulfate, Silica, Silica Gel  
2.2 Dangerous Material: none  
2.3 CAS Number: 7778-18-9  
2.4 Definition:  $\text{CaSO}_4 + 2\text{H}_2\text{O}$   
2.5 Limit Value: MAK 6mg/m<sup>3</sup>

## 3 HAZARD IDENTIFICATION

- 3.1 Hazard identification: No hazard

## 4 FIRST AID MEASURES

- 4.1 Inhalation: N.A.  
4.2 Eye contact: N.A.  
4.3 Skin contact: N.A.  
4.4 Ingestion: It is not considered that products will be ingested, but in case seek medical advice.



Commento [AS1]:

## 5 FIRE FIGHTING MEASURES

- 5.1 Extinguishing media: N.A.  
 5.2 Fire and explosion hazard: Not inflammable  
 5.3 Protection measures: N.A.

## 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: N.A.  
 6.2 Environmental precautions: N.A.  
 6.3 Cleaning up: Remove mechanically rest of the product. Clean it dried.

## 7 STORAGE AND HANDLING

- 7.1 Storage: It should be kept in dry rooms  
 7.2 Handling: Avoid creation of dust

## 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Commento [AS2]: Inserire nuova data

Commento [AS3]: OK

- 8.1 Engineering measures: Fit and use approved dust extraction systems  
 8.2 Occupational exposure limits: Please respect local exposure limits.(TLV=6mg/m3 as inhaling powder)  
 8.3 Personal protective equipment: Use normal working clothes. Use gloves and protection glasses by cutting the product.

## 9 PHYSICAL / CHEMICAL PROPERTIES

- 9.1 Color: White / Aluminum  
 9.2 Odor: None  
 9.3 Max. Temp: NA  
 9.4 Density: 0.87-.89gr/cm3  
 9.5 Inflammability: NA  
 9.6 Solubility: CaSO4+1/2H2O T=20°C 2gr/lt  
 9.7 Other: No smoke in case of fire.



9.8 Modification with temperature: from 140°C in CaSO<sub>4</sub> and H<sub>2</sub>O  
from 1000°C in CaO and SO<sub>3</sub>



## 10 STABILITY AND REACTIVITY

- 10.1 Condition to avoid: None  
10.2 Materials to avoid: N.A.

## 11 TOXICOLOGICAL INFORMATION

- 11.1 Short terms effects: Not toxically product.  
11.2 Long terms effects: Not toxically product

## 12 ECOLOGICAL INFORMATION

- 12.1 Ecological information: Not dangerous product

## 13 DISPOSAL INFORMATION

- 13.1 Disposal information: Check local rules for normal building products (code 31409).  
Dispose as building material of gypsum (European code 170104)

## 14 TRANSPORT INFORMATION

- 14.1 Transport information: No special precautions

## 15 REGULATORY INFORMATION

- 15.1 EEC regulation: No dangerous, no label compulsory (dir 67/548/CEE)  
15.2 Hazard pictogram: N.A

## 16 OTHER INFORMATION

The information given in this document corresponds to our knowledge of the product at the mentioned date. It is given in good faith. In no case it excepts the user from knowing and applying the rules regulating his activity.  
N.A.= not applicable