

**Safety data sheet**  
according to 91/155/EC

Date of printing:13/01/03

Revised at: 9/10/00

**1. Identification of the substance / preparation and company / undertaking**

**product information:**

**commercial name:** DIAMANT, KIMBERLIT, MALAKIT, RUBINIT, ROCANIT,  
DURGUIX, ORTOGUIX, ORTOGUIX PLASTER, FLU-STONE

**article Nr.:** 1101, 1105, 1110, 1120, 1142, 1140, 1150, 1151, 1130

**information on manufacturer / supplier**

<b>manufacturer / supplier:</b>	FAMADENT S.L.
<b>address:</b>	Polígono Empordà Internacional
<b>nat. registration / post code / place:</b>	E-17469 Vilamalla, Girona, Spain
<b>telephone:</b>	+34 972 52 61 69*
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- enquiry department:** Technical department **tel:** +34 972 52 61 69
- emergency enquiry:** Technical department **tel:** +34 972 52 61 69

**2. Composition properties ( component substances )**

<b>CAS-Nr.</b>	<b>Name acc. to EC guidelines</b>	<b>code letter</b>	<b>Einecs Nr.</b>
10034-76-1	Calcium Sulphate with additives	---	2319003

- dangerous contents:** none

**3. Hazards identification**

No especial guidelines concerning dangers to humans and the environment.  
Calcium Sulphate has not to be labelled according to EU-directives and the  
regulation on hazardous substances. ( directive 67/548/EEC )

**4. First - Aid measures**

- general instructions:** No particular measures required
- if substance has been aspirated:** Breathe fresh air
- if substance has been swallowed:** Have patient drink plenty of water and  
consult doctor.
- if substance contacts with the skin:** Wash with hot water
- if substance contacts with the eyes:** Wash the eyes for a few minutes  
with cold water

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**5. Fire- fighting measures**

- **suitable quenching agents:**  
All suitable quenching agents, product itself is not combustible.  
Special recommended agents: CO<sub>2</sub>, jet of water, foam alcohol-resistant.
- **for safety reasons unsuitable quenching agents:** None
- **particular danger caused by material, its combustion products or gases produced**  
In case of fire can release:  
Sulphur Trioxide ( SO<sub>3</sub> ) or FOG-SO<sub>3</sub>
- **Special protective equipment:** None

**6. Accidental release measures**

- **precautions with reference to persons:**  
Prevent the formation of dust. Use protective equipment
- **precautions with reference to environment:** None
- **procedure for cleaning / absorption:** Absorb mechanically, take up in a dry state.
- **additional information:**  
Solidification / setting and hardening in contact with water .  
Relative information of special protective equipment, see 8

**7. Handling and storage**

- **handling and information for safe dealing with material**  
No particular measures required if used correctly
- **storage find demands on warehouses and containers**  
Store in a dry place.  
Maintain closed the warehouses and containers

**8. Exposure controls / personal protection**

- **components with work-place related limits to be monitored:**

<b>CAS Nr.</b>	<b>chemical formula</b>	<b>limit (TRGS 900, Germany)</b>
10034-76-1	CaSO <sub>4</sub> x ½H <sub>2</sub> O	MAK value (fine dust) 6mg/m <sup>3</sup>
The stated values are taken from the currently valid list (e.g. TRGS 900 for Germany)		

- **personal protective equipment:** Measures for general protection and hygiene.
- **respiratory protection:** Prevent formation of dust  
Maintain the maximum admissible concentration in the work place ( 6mg/m<sup>3</sup> )
- **protection of the hands:** Gloves ( optional )
- **protection of the eyes:** Protective glasses ( recommendable )

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**9. Physical and chemical properties**

- . **form:** Powder
- . **colour:** Various ( depending on the product )
- . **odour:** Odourless
- . **state modification**
- . **melting point:** >1.000 °C
- . **boiling point:** Not applicable
- . **flash point:** Not applicable
- . **thermal decomposition:** None at proper use
- . **danger of explosion:** No explosive
- . **density:** 2.3 - 2,5 gr / cm<sup>3</sup> ( 20 °C )
- . **apparent density:** 1 100 – 1 200 kg / m<sup>3</sup> ( 20 °C )
- . **solubility in water:** about 2 gr / l ( 20 °C )
- . **pH value:** 6 - 7 ( 10gr / l ) Suspension

**10. Stability and reactivity**

- . **conditions to be avoided:** No dangerous reactions are know to occur.
- . **substances to be avoided:** No known
- . **dangerous reactions;** No known
- . **dangerous products of decomposition:**  
Sulphur Trioxide (SO<sub>3</sub>) or FOG-SO<sub>3</sub> with higher temperatures than 1 000 °C

**11. Toxicological information**

- . **acute toxicity:** Non toxic
- . **contact with the skin:** Not produce irritations
- . **contact with the eyes:** Weakly irritant
- . **sensitivity effects:** Non known

**12. Ecological information**

- . **data relating to disposal:**  
Inorganic salts not discompose by biological effects
- . **general instructions:**  
Solidify with water and dump on a suitable landfill  
Water pollution class: O (WGK) - In general not water-pollute  
WKG: Classification in accordance with the German Water Resources Act.

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**13. Disposal considerations**

- **product:**  
Waste disposal as "Gypsum based construction materials"  
Waste disposal No.: 17 01 04 (European waste catalogue)
- **contaminated packaging;**  
Contaminated containers: Contact manufacturer  
Contaminated bags or other packaging should ideally be emptied; it then can be recycled after having been decontaminated.

**14. Transport information**

Not regulated by national or international transportation regulations.

**15. Regulatory information**

- **labelling according to EC-directives:**
- **code letter and labelling according to dangerousness of product:**  
Calcium Sulphate is not to be labelled according to directive 67/548/EEC  
(adapted to technical progress by directive 93/21/EEC)
- **special labelling of certain preparations ( acc. to annex II of the preparation directive 88/379/EEC )**  
Preparation is not to be labelled according to directive 88/379/EEC  
(adapted to technical progress by directive 93/18/EEC)

**16. Other information**

The information is based on our level of knowledge at the moment at the date of printing and is not intended to be a warranty for the product.