

1. Identification of the substance/preparation and of the company/undertaking**1.1 Identification of the substance or preparation**Trade name: **Gypsum****1.2 Producer**

Producer/supplier:	Vliegasunie B.V.		
Street/P.O. Box:	P.O. Box 1072		
Nat. code/postcode, place:	NL 3430 BB Nieuwegein		
Phone:	+31 30 6069526	Fax:	+31 30 6069563
Emergency information:	Vliegasunie B.V.	Emergency number:	+31 30 6069526

2. Composition/information on ingredients

Term:	Gypsum; by-product from coal combustion		
Number of identification:	in terms of EEC regulations:		
CAS-No.:	10101-41-4	Calciumsulfate-dihydrate	
	13397-24-5	Gypsum	
EINECS-No.:			
EWL:	10 01 05	Calcium containing solid reaction waste from fuel gas desulphurization	
Chemical properties:	Calciumsulfate-dihydrate (CaSO₄·2H₂O)		
Hazardous contents:	None		

3. Hazards information

Description of hazards:	Not applicable
Special indications concerning hazards to human beings and environment:	Not applicable

4. First-aid measures

Global information:	No particular measures required
After inhalation:	No particular measures required
After skin contact:	No particular measures required
After eye contact:	Rinse with water
After ingestion:	Drink plenty of water and consult a doctor

5. Fire-fighting measures

Suitable extinguishing agents:	All extinguishing agents are suitable
Unsuitable extinguishing agents:	None
Special exposure hazards caused by the material, its combustion products or gases:	None
Special protective equipment:	Not required

6. Accidental release measures

Personal precautionary measures:	Not applicable
Measures to protect the environment:	Not applicable
Method of cleaning/removal:	Remove mechanically in a dry state

7. Handling and storage**7.1 Handling**

References on safe handling:	Measures to prevent the formation of dust in the air must be taken.
References on fire and explosion prevention:	Not applicable

7.2 Storage

References on storage:	Measures to prevent the formation of dust in the air must be taken.
Requirements on storage place and containers:	Not applicable
References on storage with other materials:	Not applicable

8. Exposure controls/personal protection

Components with work-place related limit values to be monitored

General dust limit value

Value: **10 mg/m³** as inspirable dust (PM50)

Personal protective equipment: **Measures for general protection and industrial hygiene have to be met**

Respiratory protection: **The general maximum inspirable dust concentration at the workplace has to be maintained. With high dust concentration use of a mask is advisable.**

hand protection **not applicable**

eye protection **not applicable**

skin protection **not applicable**

9. Physical and chemical properties

Form: **powder**

Colour: **white, off-white, grayish white**

Odour: **no**

Important Safety Parameters:

	<u>value</u>	<u>unit</u>
pH:	6-9	-
T=20° C		
Change of state:	= 140°C: in CaSO₄ and H₂O = 1000°C: in CaO and SO₃	-
Density:	2,3 - 3,0	g/cm³
Flammability	not applicable	-
Solubility:	app. 2	g/l
T=20° C		

10. Stability and reactivity

Conditions to avoid: **No hazardous reactions are known**

Materials to avoid: **No substances are known**

Hazardous decomposition products: **None**

11. Toxicological information

Acute, subacute/chronic toxicity: **Not toxic**

12. Ecological information

No environmental impact known

13. Disposal considerations

Gypsum has to be disposed according to the national regulations for non hazardous wastes.

14. Transport regulations

Gypsum has to be transported according to European and national regulations for non hazardous products (OECD, EU).

15. Regulatory information

Labelling according to EU Directives
Not applicable

16. Other information

The data rely on the today's conditions of our knowledge. They shall describe our products regarding safety requirements and therefore, they have not the same importance to ensure certain properties. It is not allowed to change the information in this safety data sheet nor to transfer the information to other products.

The information in this safety data sheet was compiled on a voluntary basis.

Remarks:

The information in this Safety Data sheet is based on the criteria given in 91/155/EEC.