

SAFETY DATA SHEET

In accordance with 2001/58/CE

Date of publication: 05/03/98

Date of revision: 28/02/05

NAME OF THE PRODUCT: CRUDE and EXFOLIATED VERMICULITE GRANUTEC®

1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

NAME OF THE PRODUCT: CRUDE AND EXFOLIATED VERMICULITE GRANUTEC®

Supplier : **CMMP
COMPTOIR DE MINERAUX ET MATIERES PREMIERES
45 RUE DE ST PETERSBOURG
75008 PARIS**

Telephone number : + 33 1 43 87 45 75

Fax : + 33 1 42 94 96 32

2 – COMPOSITION / INFORMATION ON INGREDIENTS

Common Chemical Name : Magnesium and Aluminium Silicate hydrated

CAS-N° 1318-00-9

EINECS-N: /

Hazardous ingredients :	Name of the ingredient	CAS-N°	EINECS-N	R Sentence	Warning Symbol	Concentration
	Quartz	14808-60-7	238-878-4	/	/	< 1%

3 – HAZARDS IDENTIFICATION

Most important hazards : This product doesn't present any hazards considered as a whole

Specific hazards : Inhalation of dust may cause a slight irritation

Environmental hazards : /

4- FIRST AID MEASURES

- Inhalation : Remove the patient to fresh air. Seek for medical attention if a discomfort persists.
- Skin Contact : Wash with soap and water. Repeated contact may cause slight irritation
- Eye Contact : Flush significantly with water. If irritation persists, seek for medical attention
- Ingestion : Seek medical attention if significant quantities have been ingested

5 – FIRE-FIGHTING MEASURES

No specific extinguishing media requested

Non flammable, non explosive

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear a dust mask, safety gloves and glasses

Environment precautions: Do not allow to enter drains, rivers, lakes

Methods for cleaning up : Use a vacuum or flush with water recommended

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7 - HANDLING AND STORAGE

Handling : The material is safe to handle. Good hygiene standards, avoid repeated skin and eye contact. Avoid any inhalation of dust

Storage : Store in a cool dry building

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures : Good ventilation

Exposure limit values : **Threshold Limit Values – Time Weighted Average :**
- Concentration of total breathable dust: **TLV= 10 mg/m³**
Of inhaled atmosphere by a person in a working day of 8 hours

Personal protection :
Wear safety goggles
Wear gloves
Good ventilation or dust mask

9 – PHYSICAL AND CHEMICAL PROPERTIES

	For Crude Vermiculite	For Exfoliated Vermiculite
Physical state :	Solid	Solid
Form :	Flakes	Lamellar particles
Colour :	Gold Brown	Light brown
Odour :	Odourless	Odourless
pH :	6.0 – 8.0	8
Melting Point :	1 200 – 1300 C°	1 315 C°
Flash Point :	N/A	N/A
Explosion Properties :	Non measurable	Non measurable
Bulk density :	0.640 – 0.960 g/m ³	0,1 g/m ³
Specific density :	2,6 g/cm ³	N.A.
Water solubility :	Insoluble	Insoluble

10 – STABILITY AND REACTIVITY

Stability : Stable, No special requirements

Hazardous decomposition products : None known

11 – TOXICOLOGICAL INFORMATION

Repeated skin exposure may cause slight irritation. Inhalation of any dust may cause irritation to nose and respiratory tract, resulting coughing, sneezing, effects should be transient.

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12 – ECOLOGICAL INFORMATION

Considered to have very low environmental impact

13 – DISPOSAL CONSIDERATIONS

Waste disposal method : In accordance with local authority regulations

Contaminated packaging : In accordance with local authority regulations

14 – TRANSPORT INFORMATION :

This product is not dangerous in the meaning of the Transport Regulations.

Risk code and transport class : /

Land transportation : /

Sea transportation : /

N° UN : /

15 – REGULATORY INFORMATION

/

16 – OTHER INFORMATION

/

The information and recommendation contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.