

Material Safety Sheet in accordance with 91/155 EEC

Company:	Grodan BV	
Trade name:	Growth substrate based on mineral wool	Product name: Grodan
Revised on:	12/9/2005 11:55 AM	Replaces issue: 18.08.03

1 Identification:	Grodan Stonewool Delta Big Mama Block	
1.1 Product:	Growth substrate material based on stone wool, high-alumina, low-silica (HT) wool. 713088	
1.2 Company address:	Grodan BV P.O. Box 1160 6040 KD Roermond The Netherlands Tel +31 475 35 30 10 Fax +31 475 35 37 16 E-mail: info@grodan.nl	
1.3	If further information is required, please call or fax Grodan BV Tel +31 475 35 30 10. Fax +31 475 35 37 16.	

2 Information on ingredients:	<i>Inert vitreous silicate mineral wool bonded with a thermosetting phenolic resin which has been urea extended.</i>		
	CAS-No.	Contents	R- phrases
Synthetic vitreous (silicate) fibers	28 7922-11-6 HT stone wool	95-100%	Irritating to skin (R:38)

3 Hazards identification:	
3.1 Mineral fibres:	<i>The mineral fibres has been classified (by the EU) as irritating (transient mechanical) to skin. High dust levels may irritate the throat and eyes.</i>

4 First-aid measures:	
4.1 Skin:	<i>If irritation occurs, do not rub or scratch. Wash off under running water prior to washing with mild soap and water.</i>
4.2 Eyes:	<i>If irritation occurs, do not rub the eyes. Flush eyes with water and consult a physician if irritation persists.</i>

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5. Fire-fighting measures:

The products are non-combustible and do not pose a fire hazard. However packaging material may burn.

5.1 Suitable extinguishing media:

Water, foam, carbon dioxide or dry powder.

5.2 Extinguishing media which must not be used for safety reasons:

None.

5.3 Combustion products:

Carbon dioxide, carbon monoxide and trace gasses.

5.4 Special protective equipment for fire-fighters:

Observe normal fire fighting procedure.

6 Accidental release measures:

6.1 In case of spillage:

Remove mechanically. No special measures required.

7 Handling and storage:

7.1 Handling:

- *Use sharp tools when cutting plant holes*
- *If using mechanical cutting equipment, a dust extractor should be used*
- *Open boxes of blocks in a ventilated area*
- *When filling containers or mixers with other products misting and dust extraction are recommended*
- *To reduce dust wet floor before sweeping up*
- *Place off cuts and any unused stone wool in bags*

7.2 Storage:

- *Store material to protect against adverse weather conditions including precipitation.*

8. Exposure controls/personal protection:

Local regulations may apply.

8.1. Respiratory protection:

With heavy dust development and in confined spaces, use disposable facemasks complying with EN149 FFP1 or FFP2 (e.g. 3M model 8710 or any similar NIOSH approved dust mask.

8.2. Hand protection:

Wear suitable gloves.

8.3. Eye protection:

With heavy dust development, wear safety goggles.

8.4. Skin protection:

Wear loose fitting work clothes. After work rinse hands and unprotected skin with cold water and then wash with soap and warm water. If working in a very dusty environment it is advisable to shower and change clothes.