

Trade name : Fertigreen® korrelkalk

1. Substance/preparation and Company Name

1.1 Product identifier

Trade name : Fertigreen® korrelkalk
CAS Number : 16389-88-1
EC number : 240-440-2

1.2 Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.

Application of the substance / the preparation: Mineral fertilizer for agricultural use

1.3 Details of the supplier of the safety data sheet Supplier/Manufacturer

Company/undertaking	Van de Reijt Meststoffen BV	Janssens-Smeets NV
Identification	Nieuwe Bredase Baan 4	Industrieweg 6
	4825 BP Breda	2280 Grobbendonk
	The Netherlands	Belgium
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	Antigifcentrum Nederland	Antigifcentrum België
	T: +31 (0) 30 274 8888	T: +32 (0) 70 245245

2. Possible hazards

2.1 Danger for man and environment : No direct danger to man and environment

2.2 Particular hazards warning for man :

When handling dolomite brick (crushing, transport) a mineral dust may develop. The provisions of the hazardous substance directives and of BGI 5047 "Mineral Dust" (of the Trade Association) apply.

3. Composition/details about ingredients

3.1 Chemical characterisation:

Dolomite brick is a natural deposit of sedimentary rock. The finely dolomite is granulated with an additive of natural adjuvent

CAS No: for dolomite 16389-88-1

Definition according to EC directive :

Not applicable; dolomite brick is not a chemical substance in the sense of the EC directive

Risk and Safety rates : Not applicable

EINECS No. : for dolomite 240-440-2

UN number : Not applicable; dolomite brick is not a hazardous material

Additional notes : The chemical characterisation is applicable both for dolomite brick granules and for dolomite breick meal.

4. First aid measures

4.1 General instructions: No special measures required.

4.2 After inspiration : fresh-air supply, consult physician when experiencing discomfort

4.3 After contact with skin : Wash off with water and soap.

4.4 After eye contact: Rinse eyes with open eyelid under flowing water. Should eyes continue to be irritated, consult specialist.

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5. Firefighting measures

5.1 Suitable extinguishing agents: Any, depending on fire in the surrounding area. Product is not combustible.

6. Measures to be taken if released unintentionally

6.1 Person-related : Avoid dust development. Ensure ventilation is sufficient or care for sufficient respiratory protection if the safety value is exceeded acc. To TRGS 900 (s. Section 8)

6.2 Environmental protection measures : No particular measures required.

6.3 Cleaning / absorption measures : Gather mechanically or dry.

7. Handling and storage

7.1 Instructions on safe handling : Avoid dust collection. Care for good ventilation at place of work (s. chapt 6 + 8)

7.2 Specification for storage rooms and containers : Avoid dust collection, protect from humidity, use dry storage rooms or containers.

7.3 Further instructions : of BGI 5047 "Mineral dust" (of the Trade Association)

8. Exposition limitation and personal protection equipment

8.1 Ingredients with work-place related : Not applicable

8.2 General dust safety value : 3mg/m³ (A), 10 mg/m³ (E)

8.3 Personal protection equipment :

Respiratory protection : When dust develops, use e.g. particulate filter semi-mask or particulate filter P1-P3, BGR 190 "Regulations for the use of respiratory protection devices" main professional association of trade.

Hand protection : Not necessary

Eye protection: No particular measures required

Personal protection: No particular measures required

Protection and hygiene measures : Wash hands before taking a break and at the end of work. Do not inhale dust.

9. Physical and chemical properties

9.1 Appearance

Form :	Granules
Colour :	Grey, beige to brown
Odour	Odourless

9.2 Safety-relevant data

		Value/range	Units
Change of condition	Decomposition	900	°C (to CaO and CO ₂)
	Decomposition	550)	°C (to MgO and CO ₂)
Flashpoint	not applicable		
Combustibility	not applicable		
Danger of explosion	not applicable		
Vapour pressure	not applicable		
Specific weight	T=20°C	2,5	g/cm ³
Packed weight	T=20°C	1,17	g/cm ³
Solubility (in water)	T=20°C	16	mg/l
pH-value (in saturated solution)	T=20°C	7-9	
Distribution coefficient	not applicable		

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10. Stability and reactivity

10.1 Conditions to be avoided : None known

10.2 Substances to be avoided : None known

11. Details about toxicology

In the case of long-term exposition the image of a chronic inflammation of the respiratory tracts may develop.

12. Details about ecology

Negative ecological effects of Fertigreen® korrelkalk are not known. The raw material dolomite brick is a natural product (a natural rock of the lithosphere).

13. Instructions on disposal

13.1 Key No. acc. EU-waste disposal directory : 010408

14. Transportation regulations

Y 916 product is not subject to directives (EC) – not a hazardous material.

15. Instructions

15.1 Identifications acc. To EC directives

Code letter and danger definition of the product : Y 901 not in the list of goods with double purpose use.

Risk and safety rates : not applicable

S-rates : not applicable

15.2 National directives

Limitation of employment : not applicable

Accident directives : not applicable

Classification acc. To VbF : not applicable

Technical instruction air : Dusty emission (TA-Air No. 5.2.1 – 5.2.7)

Water hazard classification : not applicable

Other regulations, limitations and prohibition directives : Industrial Health Principles, Trade Association data sheets, instructions, information and similar.

16. Other specifications

16.1 Further information : The specifications in the Safety Data Sheet reflect the requirements of marketing. They do not contain confirmation of properties of the product described in the terms of statutory warranty regulations.