

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

COMPOST MAKER

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture: Compost accelerator

1.3 Details of the supplier of the safety data sheet

Vitax Limited
Owen Street
Coalville
LE67 3DE Tel: 01530 510060 Email: info@vitax.co.uk
Tel: 01530 510060 (Office Hours)

1.4 Emergency Contact:

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

(Regulation (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

(Regulation (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

This material is not considered to be persistent, bioaccumulating nor toxic (PBT), very persistent nor very bioaccumulating (vPvB). Contains silica sand. The grain size distribution means that it is not hazardous. However, any respirable crystalline silica dust generated by processing and handling of silica sand may cause health effects. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica should be monitored and controlled.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Compost accelerator consisting of a mixture of ammonium sulphate, ground limestone and mineral filler.
The products contain no hazardous components declarable under Regulation (EC) No. 1272/2008.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: When symptoms persist or in all cases of doubt seek medical advice.
If inhaled: Remove victim to fresh air and keep at rest in a comfortable position.
In case of skin contact: Wash with plenty of soap and water.
In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed: Do not induce vomiting. Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treatment symptomatic.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: none

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Heating or fire can release toxic gas: Sulphur oxides and ammonia

5.3 Advice for firefighters

Special protective equipment for firefighters: Respiratory protection

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.



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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid breathing dust.

6.2 Environmental precautions

Environmental precautions: Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Sweep up carefully to avoid raising dust and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

6.4 Reference to other sections: none

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling: Avoid dust formation. No special precautions required.

Protection against fire and explosion: The product is not flammable. No special protective measures against fire required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas: Keep in a dry place.

Advice on common storage: No special restrictions on storage with other products.

Other data: Stable under recommended storage conditions.

7.3 Specific end uses

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

Sand (L) Long-term exposure limit (8-hour TWA): Silica Dust (respirable) WEL 0.1 mg/m³

Ammonium Sulphate Long-term exposure limit (8-hour TWA): LTEL mg/m³

8.2 Exposure controls

Engineering measures

Provide adequate ventilation.

Personal protective equipment

Respiratory protection: Effective dust mask.

Hand protection: Wear suitable gloves.

Eye protection: No special protective equipment required.

Skin and body protection: Wear suitable protective clothing.

Hygiene measures: When using do not eat or drink. Wash hands before breaks and at the end of work.

Protective measures: Do not breathe dust. When working with hot material, avoid contact with skin.

Environmental exposure controls

General advice: Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: crystalline
Colour: light brown
Odour: very faint
pH: Not applicable
Melting point/range: decomposes under intense heat
Flash point: Not applicable
Density: Not available
Water solubility: Not available
Autoignition temperature: none
Thermal decomposition: > 235 °C
Explosive properties: none
Oxidizing properties: none

9.2 Other information

Bulk density: Not available

10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable

10.2 Chemical stability: No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.



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10.4 Conditions to avoid	None known.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION	
11.1 Information on toxicological effects	The mixture has not been assessed for toxicological effects, the mixture classification is given in section 2 based on individual component contents. Individual component hazards are given in section 3. Further information: Health injuries are not known or expected under normal use.

12. ECOLOGICAL INFORMATION	
12.1 Toxicity	Not classified as hazardous. Provides nutrients essential to plant growth.
12.2 Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic mixtures.
12.3 Bioaccumulative potential	Bioaccumulation is unlikely.
12.4 Mobility in soil	no data
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	no data

13. DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
Product:	Check if agriculture use is possible.
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION	
14.1 Land transport ADR	Not a dangerous substance as defined in the above regulations.
Tunnel restriction code:	Not relevant
14.2 Sea transport IMDG	Not classified as dangerous in the meaning of transport regulations.
14.3 Air transport IATA-DGR	Not classified as dangerous in the meaning of transport regulations.
14.4 Special precautions for user	Not relevant
14.5 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant

15. REGULATORY INFORMATION	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
Notification status	This substance is classified and labelled according to Directive EC 1272/2008 Classification, Labelling and Packaging and the EC Fertiliser Regulations 2003, Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
15.2 Chemical Safety Assessment	Not carried out for this mixture.

16. OTHER INFORMATION	
Reason for revision:	Replaces version dated June 2009. Revised format- all sections updated.
Liability	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.