

PRODUCT SAFETY DATA SHEET
SMS 05-COSHH



1. Identification of Substances and Company

Natural Aggregates

Grange Quarry Ltd
Kirkburn Industrial Estate
Lockerbie
DG11 2FF
Telephone: 01576 490490
info@grangequarry.co.uk

2. Composition-Information on Ingredients

Crushed rock, sand and gravel

3. Hazards Identification

These products are not classified as hazardous in accordance with any statutory legislation. If used as intended there should be no COSHH risk exposure rating.

If inhaled in excessive quantities over a prolonged or extended period, respirable dust can constitute a long term health hazard. Dusts containing Respirable Crystalline Silica (Quartz) present a greater risk.

Some sand aggregates are unsuitable for sand blasting operations as they may break down, producing respirable dust containing Quartz.

Advice on the Quartz content of the dust produced from individual aggregates is available from the supplying unit.

4. First Aid Measures

Inhalation

Immediately remove to fresh air. If breathing is stopped or irregular, apply artificial respiration and seek medical attention.

Skin Contact

Wash with water. Prolonged contact may cause irritation.

Eye Contact

Immediately and thoroughly irrigate with water. The material is abrasive and may scratch the surface of the eye. If pain persists seek medical attention.

Ingestion

Remove to fresh air and drink plenty of water. Seek medical advice.

6. Fire Fighting Measures

Suitable extinguishing media	N/A
Unsuitable Extinguishing Media	N/A
Special Exposure Hazards in Fire	N/A
Special PPE for Firefighters	N/A

6. Accidental Release Measures

Personal Precautions

Avoid breathing dust

Environmental Precautions

Allowing entry into watercourses should be avoided

Methods of Cleaning

Spray with water to prevent airborne dust. Avoid dry sweeping which creates dust.

7. Handling and Storage

Handling

This product should be handled to minimise the creation of airborne dust.

Storage

No special requirements

8. Exposure Controls - Personal Risks

Preventative Measures

Inhalation of dusts from aggregates should be avoided

Workplace Exposure Limits (W.E.L)

Total Dust W.E.L	10mg/m ³	8hrs T.W.A
Respirable Dust W.E.L	4mg/m ³	8hrs T.W.A
Respirable Quartz W.E.L	0.1mg/m ³	8hrs T.W.A
Crystalline Silica SiO ₂		

Respirable Protection

Suitable dust masks should be worn in enclosed spaces where the handling or further crushing of dry aggregates is taking place and where adequate ventilation is not provided.

Hand Protection

Gloves

Eye Protection

Goggles may be required

Skin Protection

Suitable overalls

9. Physical and Chemical Properties

Appearance:	Granular Solid
Odour:	None
Ph:	Various
Boiling Point Range:	Not Determined
Melting Point Range:	Not Determined
Flash point:	N/A
Flammability:	N/A
Auto Flammability:	N/A
Explosive Properties:	N/A
Oxidising Properties:	Not Determined
Vapour Pressure:	N/A
Relative Density:	Above 2.0
Water Solubility:	Rock Type Dependent
Fat Solubility:	Not Determined

10. Stability and Reactivity

Conditions to Avoid

Acids (for aggregates containing CaCO₃ and MgCO₃)

Hazardous Decomposition Products

Limestone aggregates may react with acid groundwater to release carbon dioxide gas, which may build up in confined spaces to hazardous concentrations

11. Toxicological Information

If inhaled in excessive quantities over a prolonged or extended period, respirable dust can constitute a long term health hazard.

12. Ecological Information

Environmental Assessment

When used and disposed of as intended no adverse environmental effects are expected. Aggregates are naturally occurring minerals.

Mobility

Aggregates are non volatile materials that will sink in water and form a solid layer on the surface of the ground

13. Disposal Consideration

Likely Residues – Waste Products

None

Safe Handling of Residues – Waste Product

Aggregates are inert but should be disposed of in accordance with local and national legal requirements.

14. Transport Information

Special carriage requirements

None – Open vehicles may require to be sheeted to avoid dust nuisance

15. Regulatory Information

This product is not classified as dangerous for transport

16. Other Information

HSE Guidance Note EH40

COSHH Regulations

Environmental Protection Act