



SAFETY DATA SHEET

OYSTERSHELLS (ALL GRADES)

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

PRODUCT NAME: OYSTERSHELLS (ALL GRADES)

APPLICATIONS: Lost circulation material.

SUPPLIER: M-I Drilling Fluids UK Ltd,
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Footdee,
Aberdeen. AB11 5DQ
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2. COMPOSITION/INFORMATION ON INGREDIENTS

GROSS FORMULA: Oyster shells

COMPOSITION COMMENTS: This product formulation is not classified as hazardous in accordance with the EU Directives.

3. HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION: First aid is not normally required. Rinse mouth thoroughly. Drink plenty of water.

SKIN: Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide (CO2). Dry chemicals. Foam. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES:	No specific fire fighting procedure given. This material is not combustible.
UNUSUAL FIRE & EXPLOSION HAZARDS:	No unusual fire or explosion hazards noted.
HAZARDOUS COMBUSTION PRODUCTS:	Not relevant.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:	Shovel into dry containers. Cover and move the containers. Flush the area with water. Wear necessary protective equipment.
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7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Avoid handling which leads to dust formation. Provide good ventilation.
STORAGE PRECAUTIONS:	Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT COMMENTS:	This material is considered a nuisance dust, OES TWA 4mg/m ³ Respirable Dust, 10 mg/m ³ Total Dust.
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PROTECTIVE EQUIPMENT:



VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	Respiratory protection must be used if air concentration exceeds acceptable level. Dust filter P2 (for fine dust).
PROTECTIVE GLOVES:	No specific hand protection noted, but gloves may still be advisable. For prolonged or repeated skin contact use suitable protective gloves. Rubber or plastic.
EYE PROTECTION:	Wear dust resistant safety goggles where there is danger of eye contact.
OTHER PROTECTION:	Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Granular.
COLOUR:	Grey.
ODOUR/TASTE:	Odourless or no characteristic odour.

BULK DENSITY: 1200 kg/m³
SOLUBILITY DESCRIPTION: Insoluble in water.

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.
MATERIALS TO AVOID: None known.
HAZARDOUS DECOMP. PRODUCTS: Not relevant.

11. TOXICOLOGICAL INFORMATION

INHALATION: Dust may irritate respiratory system or lungs.
INGESTION: May cause discomfort if swallowed.
SKIN: Powder may irritate skin.
EYES: Particles in the eyes may cause irritation and smarting.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not regarded as dangerous for the environment. This material is a naturally occurring mineral. OSPAR have defined this chemical as PLONOR.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Recover and reclaim or recycle, if practical. Dispose of on site landfill area. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

ROAD TRANSPORT NOTES: Not Classified
RAIL TRANSPORT NOTES: Not Classified.
SEA TRANSPORT NOTES: Not Classified.
AIR TRANSPORT NOTES: Not Classified.

15. REGULATORY INFORMATION

RISK PHRASES: Not classified.

SAFETY PHRASES: Not classified.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES: Occupational Exposure Limits EH40.

16. OTHER INFORMATION

USER NOTES: HMIS Health - 1 HMIS Flammability - 0 HMIS Physical Hazard - 0 E - Safety glasses, Gloves, Dust Respirator

INFORMATION SOURCES: Material Safety Data Sheet, Misc. manufacturers. Sax's Dangerous Properties of Industrial Materials, 9th ed., Lewis, R.J. Sr., (ed.), VNR, New York, New York, (1997). The Merck Index, 11. edition, 1989.

ISSUED BY: Sarah Glover

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