SAFETY DATA SHEET
DRILLING STARCH

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

PRODUCT NAME: DRILLING STARCH

APPLICATIONS: Fluid Loss reducer

SUPPLIER:
M-I Drilling Fluids UK Ltd,
Pocra Quay,
Footdee,
Aberdeen. AB11 5DQ
Tel: 44 (0)1224 - 584336
Fax: 44 (0)1224 - 576119

EMERGENCY TELEPHONES: 001 281 561 1600 (USA)

2. COMPOSITION/INFORMATION ON INGREDIENTS

GROSS FORMULA: Potato starch

COMPOSITION COMMENTS: This product is classified as containing no hazardous ingredients according to the EC 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 (CO_2). Dry chemicals. Foam. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES: Use supplied air respirator if substance is involved in a fire.

UNUSUAL FIRE & EXPLOSION HAZARDS: High concentrations of dust may form explosive mixture with air.

HAZARDOUS COMBUSTION PRODUCTS: Asphyxiating gases/vapors/fumes of: Carbon dioxide (CO_2). Carbon monoxide (CO).

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Collect in containers and seal securely. Flush clean with lots of water. Be aware of potential for surfaces to become slippery. Avoid generation and spreading of dust. Wear necessary protective equipment.

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/m3 Respirable Dust, 10 mg/m3 Total Dust.

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: Powder, dust.

COLOUR: Off-white.

ODOUR/TASTE: No characteristic odour.

BULK DENSITY:	0.3 - 0.7 g/cm3		
pH-VALUE, DILUTED SOLUTION:	6.0 - 8.0	**Concentration %M:**	1%
SOLUBILITY DESCRIPTION:	Soluble in water. Forms a paste at concentrations greater than 5%.		
DECOMPOSITION TEMP. (°C):	300		
AUTO IGNITION TEMP. (°C):	430		

10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid wet and humid conditions.
MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMP. PRODUCTS:	Fire or high temperatures create: Asphyxiating gases/vapours/fumes of: Carbon dioxide (CO2). Carbon monoxide (CO).

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.

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 for road transport.
RAIL TRANSPORT NOTES:	Not classified for rail transport.
SEA TRANSPORT NOTES:	Not classified for sea transport.
AIR TRANSPORT NOTES:	Not classified for air transport.

15. REGULATORY INFORMATION

RISK PHRASES: Not classified.

SAFETY PHRASES: Not classified.

16. OTHER INFORMATION

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).

ISSUED BY: Sarah Glover

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