

SAFETY DATA SHEET

D-D

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

PRODUCT NAME: D-D

SYNONYMS, TRADE NAMES: DRILLING DETERGENT

APPLICATIONS: Surfactant.

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

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
MIXTURE OF BLENDED SURFACTANTS			60-100 %

The Full Text for all R-Phrases are Displayed in Section 16

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. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention.

INGESTION: Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention.

SKIN: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemicals. Powder, foam or CO2. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES: Use supplied air respirator if substance is involved in a fire. Use water to keep fire exposed containers cool and disperse vapours.

HAZARDOUS COMBUSTION PRODUCTS: Fire or high temperatures create: Oxides of: Carbon.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Collect for reclamation or absorb in vermiculite, dry sand or similar material. Dike far ahead of larger spills for later disposal. Prevent discharge of larger quantity to drain. Flush with plenty of water to clean spillage area.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES: Use protective gloves made of: Impermeable material.

EYE PROTECTION: Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION: Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.		
COLOUR:	Off-white. to Light yellow.		
ODOUR/TASTE:	Soap.		
BOILING POINT (°C, interval):	100	Pressure:	760mmHg
MELT/FREEZ. POINT (°C, interval):	</= 0		
DENSITY/SPECIFIC GRAVITY (g/ml):	1.01 - 1.02	Temperature (°C):	20
VAPOUR PRESSURE:	As water	Temperature (°C):	
pH-VALUE, CONC. SOLUTION:	aprox 11		
SOLUBILITY DESCRIPTION:	Soluble in water.		
PARTITION COEFF. (log Pow):	<3		

10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
HAZARDOUS POLYMERIZATION:	Will not polymerize.
MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMP. PRODUCTS:	Fire or high temperatures create: Oxides of: Carbon.

11. TOXICOLOGICAL INFORMATION

INHALATION:	No specific health warnings noted. May cause irritation to the respiratory system.
INGESTION:	May cause discomfort if swallowed.
SKIN:	Liquid may irritate skin.
EYES:	Spray and vapour in the eyes may cause irritation and smarting.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	Contact M-I's Environmental Affairs Department for ecological information.
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13. DISPOSAL CONSIDERATIONS

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

16. OTHER INFORMATION

USER NOTES: HMIS Health - 1 HMIS Flammability - 1 HMIS Physical Hazard - 0 J - Splash Goggles, Gloves, Synthetic Apron, Dust and Vapor 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).
ISSUED BY: Sarah Glover
REV. No./REPL. SDS GENERATED: 3
PRINTING DATE: 2003-01-23

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