

SAFETY DATA SHEET

ACTIVATOR II

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ACTIVATOR II

APPLICATION Oil well drilling fluid additive.

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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
MAGNESIUM OXIDE/LIGNIN COMPLEX			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 or environmental 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

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

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

EYE CONTACT

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

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

SPECIAL FIRE FIGHTING PROCEDURES

NOTE! Use air-supplied respirators to protect against gases/fumes.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

It may emit noxious fumes.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

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SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Shovel into dry containers. Cover and move the containers. Flush the area with water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Avoid dust formation.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid handling which leads to dust formation. Provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

This material is considered a nuisance dust, OES TWA 4mg/m3 Respirable Dust, 10 mg/m3 Total Dust.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Dust filter P2 (for fine dust).

HAND PROTECTION

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.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust		
COLOUR	Light (or pale) Tan to White / off-white		
SOLUBILITY	Slightly soluble in water.		
RELATIVE DENSITY	3.5 - 3.6	pH-VALUE, DILUTED SOLUTION	Approx 10 @ Saturated Solution %

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid wet and humid conditions.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

It may emit noxious fumes.

11 TOXICOLOGICAL INFORMATION

INHALATION

Dust may irritate respiratory system or lungs.

INGESTION

May cause discomfort if swallowed.

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SKIN CONTACT

Powder may irritate skin. Prolonged or repeated contact may lead to irritation and dermatitis.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Contact M-I's Environmental Affairs Department for ecological information.

LC 50, 96 Hrs, FISH mg/l >100

BIOACCUMULATION

The product is not bioaccumulating.

DEGRADABILITY

The product is biodegradable.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Recover and reclaim or recycle, if practical. Dispose of on site landfill area. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14 TRANSPORT INFORMATION

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988.

GUIDANCE NOTES

Occupational Exposure Limits EH40.

16 OTHER INFORMATION

INFORMATION SOURCES

Material Safety Data Sheet, Misc. manufacturers. Sax's Dangerous Properties of Industrial Materials, 10th ed., Lewis, R.J. Sr., (ed.).

REVISION COMMENTS

Revised by Silvia Smart.

ISSUED BY

Sarah Glover

REVISION DATE 20-Jul-04

REV. NO./REPL. SDS GENERATED 1

SAFETY DATA SHEET STATUS

Approved.

DISCLAIMER

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