



# SAFETY DATA SHEET

## SILICA GEL (SELF INDICATING)

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

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**PRODUCT NAME:** SILICA GEL (SELF INDICATING)  
**PART No.:** RM233  
**SUPPLIER:** J M Loveridge plc  
Southbrook Road, Southampton  
Hampshire  
SO15 1BH  
Tel: 023 8022 2008  
Fax: 023 8022 2117

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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**COMPOSITION COMMENTS:** Contains amorphous silica and iron compounds (~5%) as indicating agent.

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### 3. HAZARDS IDENTIFICATION:

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Not regarded as a health hazard under current legislation.

The material is very absorbent and may have a drying effect on skin and eyes.  
May contain minimal amounts of inhalable amorphous silica. Inhalation of dust may cause transient irritation to the respiratory system.

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### 4. FIRST AID MEASURES:

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**GENERAL:** IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

**INHALATION:** Remove affected person from exposure, rest and keep warm. If recovery not rapid or complete seek medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml).

**SKIN:** Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

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### 5. FIRE FIGHTING MEASURES:

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**EXTINGUISHING MEDIA:** Non combustible or flammable and normally not a fire risk.

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## 6. ACCIDENTAL RELEASE MEASURES:

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**PERSONAL PRECAUTION IN SPILL:** Avoid breathing dust.

**SPILL CLEANUP METHODS:** Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal.

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## 7. HANDLING AND STORAGE:

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**USAGE PRECAUTIONS:** **HANDLING** - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals.  
Minimise creation of air-borne dust by application of good occupational hygiene principles, appropriate control measures and extraction techniques.  
Avoid contact with skin or eyes.

**STORAGE PRECAUTIONS:** In (original) container securely sealed to avoid dusting.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
SILICA GEL (SELF INDICATING)		OES	6 mg/m <sup>3</sup>	

**INGREDIENT COMMENTS:** Above quoted limit refers to exposure for Silica (amorphous) as total inhalable dust, corresponding value for respirable dust for same ref. period is 2.4 mg.m<sup>3</sup>.

**VENTILATION:** Provide adequate general and local exhaust ventilation.

**RESPIRATORS:** If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.

**PROTECTIVE GLOVES:** For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION:** Use eye protection if eye contact is likely.

**OTHER PROTECTION:** Wear suitable personal protective equipment appropriate to the task.

**HYGIENIC WORK PRACTICES:** **SKIN PROTECTION** - apply barrier cream to hands and exposed skin.  
Regularly vacuum dust to minimise the potential of air-borne exposure.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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**APPEARANCE:** Amorphous or crystalline solid.

**COLOUR:** Deep orange or amber.

**DENSITY/SPECIFIC GRAVITY (g/ml):** Bulk density: ~ 2.50      **Temperature (°C):**

**SOLUBILITY DESCRIPTION:** Insoluble in water.

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## 10. STABILITY AND REACTIVITY:

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**STABILITY:** Stable under normal conditions of use.

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## 11. TOXICOLOGICAL INFORMATION:

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<b>INHALATION:</b>	May cause transient irritation to the respiratory system.
<b>SKIN:</b>	Non irritant on incidental contact.
<b>EYES:</b>	May cause transient eye irritation and discomfort.
<b>HEALTH WARNINGS:</b>	On (prolonged) contact may cause mild drying (and/or cracking) of skin and eye irritation. Inhalation of high concentration of dust may cause a mechanical overburdening of the respiratory system.

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## 12. ECOLOGICAL INFORMATION:

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<b>ECOLOGICAL INFORMATION:</b>	No specific data or information available regarding environmental impact. Insoluble in water, material will be separated at every filtration and sedimentation process.
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## 13. DISPOSAL CONSIDERATIONS:

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<b>DISPOSAL METHODS:</b>	Via authorised/licenced waste disposal contractor to an approved waste disposal site, observing all local and national regulations.
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## 14. TRANSPORT INFORMATION:

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<b>GENERAL:</b>	Not classified as hazardous for transport.
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## 15. REGULATORY INFORMATION:

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<b>UK REGULATORY REFERENCES:</b>	Classification, Packaging and Labelling Regulations 1984. Chemicals (Hazard Information & Packaging) Regulations 1993. The Control of Substances Hazardous to Health Regulations 1988.
<b>COMMENTS:</b>	This product does not require classification, however the following is suggested for supply - Avoid breathing dust.

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## 16. OTHER INFORMATION:

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<b>INFORMATION SOURCES:</b>	This product has been classified in accordance with CHIP3 regulations.
<b>REVISION COMMENTS:</b>	Edition 01; Revised item(s):

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**ISSUED BY:** MK

**SDS No.:** 419

**DATE:** 12/07/02

**DISCLAIMER:** The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.