

Material Safety Data Sheet

Oil-Dri (UK) Limited

Page 1

(In compliance with EC/1907/2006 Article 31 and Annex II)

Revision Date: 22/2/2010

Revision Number: 1

Material/Trade Name: OIL-DRI ABSORBENT

1 - Substance Identification

Material/Trade Name	: OIL-DRI Absorbent
Material type	: Absorbent
Company	: Oil-Dri (UK) Limited
Address	: Bannisters Row Wisbech Cambridgeshire PE13 3HZ
Telephone	: +44 (0) 1945 581244
Fax	: +44 (0) 1945 581250
Emergency Telephone	:

2 - Hazard Identification

Not classified as hazardous under the CLP Regulations 1272/2008/EC
Not classified as hazardous according to SI 2009:716

The product gives potential for generation of respirable dust during handling and use. Dust may contain respirable crystalline silica. Prolonged inhalation of respirable dust may cause lung fibrosis. Principal symptoms of lung fibrosis are cough and breathlessness. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled. Repeated inhalation of excessive amounts of respirable silica may cause silicosis.

3 - Composition

Substance(s)	% Wt.	CAS No.	EEC No.
Calcium Sulphate Dihydrate (Gypsum)		10101•41•4	n/e
Contains crystalline silica (quartz)	<2.5%	14808•60•7	238•878•4

4 - First Aid Measures

Inhalation:	In case of excessive inhalation, remove to fresh air and rest If recovery is not rapid obtain prompt medical attention
Eyes:	Irrigate with water Take care not to wash chemical from one eye to another If irritation persists consult a doctor
Skin:	Remove contaminated clothing Wash with water
Ingestion:	Do not induce vomiting Give plenty of water to drink Beware of aspiration if vomiting occurs If feeling unwell seek medical attention immediately

Material Safety Data Sheet

Oil-Dri (UK) Limited
(In compliance with EC/1907/2006 Article 31 and Annex II)

Page 2

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Revision Number: 1

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5 - Fire-fighting Measures

Suitable Extinguishers:	Non combustible material – use extinguishers suitable for any other materials that may be involved in a fire
Unsuitable Extinguishers:	Not applicable
Hazardous Decomposition/ Special Procedures:	Not applicable

6 - Accidental Release Measures

Exposure Controls:	Do not allow spill to enter drains and watercourses Clean up as part of good housekeeping practice
Personal Protection:	Wear respirator fitted with particulate filter (P2 or FFP2) and use eye protection such as goggles to BS EN 166 Dust Grade if dust generated Avoid skin contact and wear impervious gloves (e.g. nitrile gloves)
Disposal Considerations:	Do not dry sweep, either damp down or use a vacuum system to clear Scoop up and place in container to await transfer Dispose of in accordance with local authority regulations

7 - Handling and Storage

Handling:	Avoid skin contact Avoid eye contact Handle with care to avoid dust formation Ensure adequate ventilation Use local extraction equipment where possible Wear suitable protective clothing (see section 8)
Storage:	Store in a cool, dry, well ventilated area Store away from oxidising materials

8 - Exposure Controls

Occupational Exposure Limit:	0.1mg/m ³ 8hrTWA WEL Respirable silica 4mg/m ³ 8hrTWA OEL total respirable dust 10mg/m ³ 8hrTWA OEL Total inhalable dust
	Wear impervious gloves (e.g. nitrile gloves) Wear suitable overalls or clothing and change if contaminated Wear suitable eye protection such as BS EN 166 if dusty Use in well ventilated areas. Use mechanical ventilation if possible If excessive inhalation is likely then respirator fitted with particulate filter To P2 or FFP2 standard

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9 - Physical & Chemical Properties

Appearance	: White Granules
Odour	: Fresh
pH	7
Boiling point/range	: n/a
Melting point/range	: n/a
Flash point	: n/a
Flammability	: Non Flammable
Autoflammability	: n/a
Explosive properties	: None
Oxidising properties	: None
Vapour pressure	: Negligible
Relative density	: 0.801 (50 lb/ft ³)
Solubility	: Insoluble in water
Vapour Density	: N/A

10 - Stability and Reactivity

Stable at normal temperatures
 No hazardous decomposition products when stored and handled correctly

11 - Toxicological Information

Routes of exposure to dust: inhalation, ingestion and eye/skin contact
 Mild irritation and can cause redness to eyes,
 Mild, transient irritation to respiratory tract

Prolonged inhalation of respirable crystalline silica

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.)

In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94•final, June 2003)

There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits

12 - Ecological Information

Non toxic to aquatic life
 Persistent in the environment
 Bioaccumulative potential: does not bioaccumulate
 Mobility: Immobile

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Page 4

Revision Date: 22/2/2010

Revision Number: 1

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13 - Disposal Considerations

Do not discharge into drains or watercourses
Dust formation from residues should be avoided and suitable worker protection be assured
Dispose of in accordance with local authority regulations

14 - Transport Information

Not classified as hazardous for transportation

15 - Regulatory Information

a) Risk & Safety

Not classified as hazardous according to EC/1272/2008
Not classified as hazardous according to SI 2009:716

b) Other Regulations

Reach Regulations EC/1907/2006 Article 31 and Annex II
Control of Substances Hazardous to Health Regulations 2002 as amended

16 - Other Information

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Oil-Dri (UK) Ltd. However, Oil-Dri (UK) Ltd makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.