# **Contact Sheet**



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Ireland

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Tel: +44 1392 441338 Sparex Limited **Exeter Airport Devon** Exeter EX5 2LJ

# **North America**





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# **Africa**



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# Australasia



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New Zealand

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# **Sparex Export Markets**



Export

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#### Oil Dri (UK) Limited

### **Material Safety Data Sheet**

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

**Revision Date:** 22/2/2010 **Revision Number:** 1

Material/Trade Name: SUPERCLEAN

#### 1 - Substance Identification

Material/Trade Name : Superclean
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

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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

 ${\bf Hazar dous\ Decomposition}/$ 

**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/m3 8hrTWA WEL Respirable silica

4mg/m3 8hrTWA OEL total respirable dust 10mg/m3 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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(In compliance with EC/1907/2006 Article 31 and Annex II)

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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/aExplosive properties: NoneOxidising properties: NoneVapour pressure: NegligibleRelative density: 0.801 (50 lb/ft³)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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#### 13 -Disposal Considerations

Do not discharge into drains or watercourses

Dust formation from residues should be avoided and suitable worker

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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.