

\*\*\* SECTION I, PRODUCT IDENTIFICATION \*\*\*

\*\*Product details\*\*

Imperial item #: 5235, 5235-4
MSDS Number: 1004000
Identity: Oil-Dri concentrated floor absorbent

Issued: June 16, 2000

Chemical Name Fullers Earth

Manufacturer: OIL DRI Corporation of America
410 North Michigan Avenue
Chicago, IL 60611
(312) 321-1515
Distributor: Imperial Supplies LLC
789 Packer Drive
Green Bay, WI 54304
(800) 558-2808

Emergency: 1-800-225-3924 (Chem-tel)

\*\*\* SECTION II, COMPOSITION \*\*\*

Table with 4 columns: Component, CAS Number, Amount, Exposure Limit. Rows include Quartz (crystalline silica) and Fullers Earth with their respective CAS numbers, amounts, and exposure limits.

PEL - OSHA Permissible Exposure Limit. TLV - American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value. TWA - 8 hour Weighted Average. STEL-Short Term Exposure Limit.

\*\*\* SECTION III, HAZARDS IDENTIFICATION \*\*\*

EMERGENCY OVERVIEW

This product is non-combustible, chemically inert mineral. This mineral sample contains a small amount of naturally-occurring crystalline silica as quartz. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis). IARC, in Monograph 68, has concluded that crystalline silica inhaled in the form of quartz from occupational sources is carcinogenic to humans (Group 1); however, carcinogenicity was not detected in all industrial circumstances studied. Because applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific or medical data available indicating that exposure to dust from this product under conditions of normal

use will cause silicosis or cancer; adverse effects would not be expected from normal use of this product.

#### HEALTH HAZARDS

INGESTION: No adverse effects expected with unused material.

INHALATION: Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract.

EYE: Contact may cause mechanical irritation and possible injury.

SKIN: No adverse effects expected.

SENSITIZATION: No adverse effects expected.

CHRONIC/CARCINOGENICITY: Inhalation of excessive concentration of any dust, including this material, may lead to lung injury. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function. The International Agency for Research on Cancer (IARC), in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz or cristobalite, from occupational sources is carcinogenic to humans (Group 1). However, in making the overall evaluation, the Working Group noted that carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as reasonably anticipated to be a carcinogen. Because applications and exposure data indicate the exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific or medical data available indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer; adverse effects would not be expected from normal use will cause silicosis or cancer; adverse effects would not be expected from normal use of this product.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:  
None currently known.

#### \*\*\* SECTION IV, FIRST AID MEASURES \*\*\*

EYE: Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get immediate medical attention.

SKIN: None needed for normal use.

INGESTION: If used material is ingested, get medical attention due to possibility of chemical contamination. If large amount of unused material is swallowed, get immediate medical attention.

INHALATION: Remove to fresh air.

#### \*\*\* SECTION V, FIREFIGHTING MEASURES \*\*\*

FLASH POINT: This product is not combustible.

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Use media that is appropriate for surrounding fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None

SPECIAL FIREFIGHTING INSTRUCTIONS: None required.

HAZARDOUS COMBUSTION PRODUCTS: None

\*\*\* SECTION VI, ACCIDENTAL RELEASE MEASURES \*\*\*

Sweep up and collect for re-use or disposal

\*\*\* SECTION VII, HANDLING AND STORAGE \*\*\*

HANDLING: Avoid breathing dust. If clothing becomes dusty, launder before re-use.

STORAGE: Store in a dry area.

\*\*\* SECTION VIII, EXPOSURE CONTROLS/PERSONAL PROTECTION \*\*\*

EXPOSURE GUIDELINES: Refer to Section 2

ENGINEERING CONTROLS: For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended .

RESPIRATORY PROTECTION: For operations where the exposure limit may be exceeded, a NIOSH/MSHA approved high efficiency particulate respirator is recommended.

SKIN PROTECTION: None required for normal use.

EYE PROTECTION: Safety glasses or goggles recommended.

OTHER: None required for normal use.

\*\*\* SECTION IX, PHYSICAL AND CHEMICAL PROPERTIES \*\*\*

APPEARANCE AND ODOR: Gray to tan granules, no odor

PHYSICAL STATE: Solid

BOILING POINT: Not applicable

VAPOR PRESSURE: Not applicable  
VAPOR DENSITY: Not applicable  
SOLUBILITY IN WATER: Insoluble  
SPECIFIC GRAVITY: 2.2  
pH: Not applicable  
MELTING POINT: Not applicable  
OCTANOL/WATER COEFFICIENT: Not applicable

\*\*\* SECTION X, STABILITY AND REACTIVITY \*\*\*

STABILITY: Stable

INCOMPATIBILITY: Contact of dry clay with turpentine, vegetable oil or other unsaturated organic compounds, or with hydrofluoric acid may generate heat and/or fire. Do not use with these compounds.  
HAZARDOUS DECOMPOSITION PRODUCTS: None  
HAZARDOUS POLYMERIZATION: Will not occur

\*\*\* SECTION XI, TOXICOLOGICAL INFORMATION \*\*\*

No data available

\*\*\* SECTION XII, ECOLOGICAL INFORMATION \*\*\*

No data available

\*\*\* SECTION XIII, DISPOSAL CONSIDERATIONS \*\*\*

Dispose in accordance with local, state and federal environmental regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

\*\*\* SECTION XIV, TRANSPORT INFORMATION \*\*\*

PROPER SHIPPING NAME: Not regulated  
UN NUMBER: Not applicable  
HAZARD CLASS/PACKING GROUP: Not applicable  
LABEL REQUIRED: None

\*\*\* SECTION XV, REGULATORY INFORMATION \*\*\*

CERCLA/SUPERFUND None

SARA HAZARD CATEGORY (311/312): Chronic Health

SARA 313: None

TSCA: All of the components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements.

EINECS: All of the components of this product are listed on the EINECS Inventory or exempt from notification requirements.

EEC R&S Phrases: Not Classified as Dangerous under EEC Labeling Regulations

JAPAN MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substances Control Law.

AICS: All of the components of this product are listed on the AICS Inventory or exempt from notification requirements.

CANADIAN DSL: All of the components of this product are listed on the Canadian Domestic Substance. List or exempt from notification requirements.

CA PROPOSITION 65: This product contains respirable crystalline silica which is known to the State of California to cause cancer.

\*\*\* SECTION XVI, OTHER INFORMATION \*\*\*

NFPA RATING: Health = 1 Fire = 0 Reactivity = 0

HMIS RATING: Health = 1\* Fire = 0 Reactivity = 0

The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. OIL-DRI CORPORATION OF AMERICA MAKES NO WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO THE PRODUCT and assumes no responsibility for any risk or liability arising from the use of the information or the product. Statements about the product should not be construed as recommendations to use the product in infringement of any patent.