



# SÜD-CHEMIE ADSORBENTS

## MATERIAL SAFETY DATA SHEET

U.S. Department of Labor

Occupational Safety and Health Administration

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be

Form Approved  
OMB No. 1218-0072  
(Non Mandatory Form)

**Identity**(as used on label and list): **ALL PURPOSE FLOOR ABSORBENT**

Sold under the following trade names: **HIDRI, DRIZIT, ZIPZORB, PETROSORB, ALL PURPOSE, TRAKSTR, MEGADRI**

### Section I:

**Süd-Chemie Adsorbents  
Georgia Business Route # 3  
Meigs, GA 31765**

Emergency Telephone Number

**(229-683-3414)**

Telephone Number for Information

**(877-384-5924)**

Date Prepared

**January 2002**

Description: **Absorbent Clay**  
Composition: **Hydrous Magnesium Aluminum Silicate**

CAS Number: **8031-18-3\***  
Synonyms: **Fuller's Earth**  
DOT Listing: **NMFC 48170 Clay, Crushed or Ground in Bags**

### Section II: Hazardous Ingredients / Identity Information

Contains crystalline silica (Typically 0 to 5% at time of manufacture)

### Section III: Physical / Chemical Characteristics

Boiling Point .....	N/A	Specific Gravity (H <sub>2</sub> O=1)	1.5
Vapor Pressure	N/A	Melting Point	N/A
Vapor Density	N/A	Evaporation Rate (butyl Acetate=1)	None

Solubility in Water Negligible

Appearance and Odor: Odorless, Gray to Tan or off white colored granules

### Section IV: Fire and Explosion Hazard Data

Flash Point (Method Used)-	None	Flame Limits	None
Extinguishing Media	Not Flammable	LEL	None
Special Fire Fighting Procedures	None Required	UEL	None
Unusual Fire and Explosion Hazards-	None		

### Section V: Reactivity Data

**Stability** Stable

**Incompatibility (Materials to Avoid):** Hydrofluoric Acid

**Conditions to Avoid** When soaking up highly oxidized fluids, heat may develop. Allow to cool before placing in sealable containers. Avoid dusty conditions

**Hazardous Polymerization:** Will not occur

**Hazardous combustion or decomposition:** None

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**Section VI: Health Hazard Data**

**Routes of Entry:** Inhalation? Yes Skin? No Ingestion? No

**Health Hazards (Acute and Chronic):** Inhalation of respirable crystalline silica dust can produce progressive symptoms ranging from pulmonary discomfort to fibrotic changes to chronic lung disease.

**Carcinogenicity:** NTP? Yes IARC Monographs ? Yes OSHA Regulated ? No

**IARC Classification:** Group 1: Carcinogenic to humans

**Signs and symptoms of exposure:** Cough, labored breathing; breathing discomfort; wheezing

**Medical Conditions aggravated by overexposure:** None currently known

**Emergency and First Aid Procedures:** Inhalation: Remove to fresh air. Eyes: Flush with water. If pain or irritation persists, seek medical attention. Swallowing: Clear material from mouth. If large amount is ingested call a physician, poison control center or emergency services for advise

**Permissible Exposure Limits:**

OSHA PEL: 0.1 mg/M; ACGIH TLV: 0.1 mg/ M; NIOSH: 0.05 mg/M ; MSHA: 10 mg/M

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**Section VII: Precautions for Safe Handling and Use**

**Steps to be taken in Case Material is Released or Spilled:** Vacuum or wet sweep; use adequate ventilation; use of NIOSH approved respirator with HEPA filter is advisable.

Transfer sweeping to sealable containers. Do not flush down drains; dispose of in accordance with Federal, State, and Local Regulations. Store in a dry area away from sharp objects that can tear or puncture bags

**In dusty areas use of MSHA or NIOSH approved respirators and eye protection should be used if PEL is exceeded.**

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**Section VIII: Control Measures**

**Respiratory Protection (Specify Type)**

Use MSHA or NIOSH approved respirators (29CFR 1910.134) if expose level exceeds PEL

Ventilation must be sufficient to reduce the level of respirable crystalline silica to a value equal or below the PEL

Protective Gloves: Optional.....Eye Protection: Advisable in dusty areas.

Other protective clothing or equipment: Optional

Work/Hygienic practices: Use good housekeeping practices. Follow precautions in VII and VIII above.

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**The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.**