

# Material Safety Data Sheet



Zep, Inc.  
1310 Seaboard Industrial Blvd.  
Atlanta, GA 30318  
1-877-I-BUY-ZEP (428-9937)  
www.zep.com

## Section 1. Chemical Product and Company Identification

**Product name** ZEP D-A  
**Product use** Deodorant - Absorbent  
**Product code** 1803  
**Date of issue** 06/24/09 **Supersedes** 02/09/04

### Emergency Telephone Numbers

#### For MSDS Information:

Compliance Services 1-877-I-BUY-ZEP (428-9937)

#### For Medical Emergency

(877) 541-2016 Toll Free - All Calls Recorded

#### For Transportation Emergency

CHEMTREC: (800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

#### Prepared By

Compliance Services  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

Printing date: 06/24/09

## Section 2. Hazards Identification

### Emergency overview

\*Hazard Determination System (HDS): Health, Flammability, Reactivity

#### WARNING



CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

Contains material which can cause cancer.

**NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.**

### Acute Effects

#### Routes of Entry

Dermal contact. Eye contact. Inhalation.

#### Eyes

Causes eye irritation. Dust may cause mechanical irritation to eye. Inflammation of the eye is characterized by redness, watering and itching.

#### Skin

May cause skin irritation. May cause allergic reactions in certain individuals.

#### Inhalation

Avoid breathing dust. Inhalation of high concentrations of dust may cause respiratory irritation. Over-exposure by inhalation may cause respiratory irritation.

#### Ingestion

No data on acute toxicity of the product when ingested.

### Chronic effects

Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage. Contains material which may cause damage to the following organs: kidneys, lungs, liver, spleen.

### Carcinogenicity

Contains material which can cause cancer. [Classified 1 by IARC, 1 by NTP - Crystalline Silica-Quartz] Risk of cancer depends on duration and level of exposure.

### Product/ingredient name

#### ACGIH

#### IARC

#### EPA

#### NIOSH

#### NTP

#### OSHA

Crystalline Silica-Quartz

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1

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Proven.

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Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

### Name of Hazardous Ingredients

#### CAS number

#### % by Weight

FULLER'S EARTH; attapulgite clay

8031-18-3

85 - 95

CRYSTALLINE SILICA-QUARTZ; silicon dioxide; flint; chalcedony

14808-60-7

1 - 10

BLEND OF AMYL ACETATE; 3-METHYL BUTYL ACETATE; 2-METHYL BUTYL

628-63-7; 123-92-2; 1 - 5

ACETATE

624-41-9

## Section 4. First Aid Measures

### Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

### Skin Contact

Flush affected skin with plenty of water. Get medical attention if irritation develops.

### Inhalation

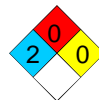
Move exposed person to fresh air. If irritation persists, get medical attention.

### Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A.)



<b>Flash Point</b>	Not applicable
<b>Flammable Limits</b>	Not applicable
<b>Flammability</b>	Non-combustible.
<b>Fire hazard</b>	May emit toxic fumes under fire conditions. No specific fire or explosion hazard.
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire.

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container.
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**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid breathing dust. Use with adequate ventilation. Do not ingest. Wash thoroughly after handling. Do not use with other products. Do not reuse container.
<b>Storage</b>	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Contains moisture-sensitive material. Store in a dry place. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection****Product name**

CRYSTALLINE SILICA-QUARTZ; silicon dioxide; flint; chalcedony

BLEND OF AMYL ACETATE; 3-METHYL BUTYL ACETATE; 2-METHYL BUTYL ACETATE

**Exposure limits**

**ACGIH TLV (United States).**

: 0.05 mg/m<sup>3</sup> Form: Respirable fraction

**NIOSH (United States).**

: 0.05 mg/m<sup>3</sup> Form: Respirable dust

**OSHA PEL (United States).**

TWA: 100 ppm 8 hour(s).

**ACGIH TLV (United States).**

TWA: 50 ppm 8 hour(s).

STEL: 100 ppm 15 minute(s).

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Safety glasses.
<b>Body</b>	For prolonged or repeated handling, use gloves. Recommended: Nitrile gloves. Rubber gloves. Neoprene gloves.
<b>Respiratory</b>	If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Solid. [Granular solid.]	<b>Color</b>	Light tan.
<b>pH</b>	Not applicable.	<b>Odor</b>	Mild.
<b>Boiling Point</b>	Not applicable.	<b>Vapor Pressure</b>	Not applicable
<b>Specific Gravity</b>	Not applicable.	<b>Vapor Density</b>	Not applicable.
<b>Solubility</b>	Insoluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	Not applicable.
		<b>VOC (Consumer)</b>	0 g/L

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Incompatible with ammonia. Slightly reactive or incompatible with the following materials: reducing materials and acids.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> )

**Section 11. Toxicological Information****Acute Toxicity**

Not available.

**Section 12. Ecological Information****Environmental Effects** No known significant effects or critical hazards.**Aquatic Ecotoxicity**

Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Non-hazardous waste**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	Not regulated.	Not a DOT controlled material (United States).	-	-	

**NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.**

PG\* : Packing group

**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

**Clean Water Act (CWA) 307:** No products were found.**Clean Water Act (CWA) 311:** Blend of amyl acetate, 3-methyl butyl acetate, & 2-methyl butyl acetate (RQ 5,000 lbs)**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

**State Regulations****California Prop 65****WARNING:** This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.:  
Crystalline Silica-Quartz; Benzene**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.