

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

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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 ACETATE

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

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.)



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

Section 6. Accidental Release Measures

Spill Clean up	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

Handling	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.
Storage	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/m³ Form: Respirable fraction**NIOSH (United States).**: 0.05 mg/m³ 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)

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

**Section 9. Physical and Chemical Properties**

Physical State	Solid. [Granular solid.]	Color	Light tan.
pH	Not applicable.	Odor	Mild.
Boiling Point	Not applicable.	Vapor Pressure	Not applicable
Specific Gravity	Not applicable.	Vapor Density	Not applicable.
Solubility	Insoluble in the following materials: cold water and hot water.	Evaporation Rate	Not applicable.

VOC (Consumer) 0 g/L**Section 10. Stability and Reactivity**

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

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
DOT Classification	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.