

Material Safety Data Sheet



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Superior Solutions

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 1-877-1-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

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Section 2. Hazards Identification

Emergency overview

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

Repeted 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 Crystalline Silica-Quartz

ACGIH	-
IARC	1
EPA	-
NIOSH	-
NTP	Proven.
OSHA	-

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; chalcodony	14808-60-7	1 - 10
BLEND OF AMYL ACETATE; 3-METHYL BUTYL ACETATE; 2-METHYL BUTYL ACETATE	628-63-7; 123-92-2; 624-41-9	1 - 5

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

- 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.

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; chalcodony

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

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.]
- pH** Not applicable.
- Boiling Point** Not applicable.
- Specific Gravity** Not applicable.
- Solubility** Insoluble in the following materials: cold water and hot water.
- Vapor Pressure** Not applicable
- Vapor Density** Not applicable.
- 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, CO₂)

Section 11. Toxicological Information

Not available.

Section 12. Ecological Information

Environmental Effects

No known significant effects or critical hazards.

Aquatic Ecotoxicity

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
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.

Section 16. Other Information

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

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.

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