



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-I-BUY-ZEP

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP D-A
Product Use Deodorant - Absorbent.
Product Code 1803
Date of issue 02/09/04 **Supersedes** 09/17/97

Emergency For MSDS Information:
Telephone Numbers Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency
 INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

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

Printing date: 02/09/04

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
FULLER'S EARTH; floridin clay	8031-18-3	85-95	Not established
CRYSTALLINE SILICA-QUARTZ; silicon dioxide; flint; chalcedony	14808-60-7	<10	OSHA (United States). TWA: 10 mg/m ³
BLEND OF AMYL ACETATE; 3-METHYL BUTYL ACETATE; 2-METHYL BUTYL ACETATE	628-63-7; 123-92-2; 624-41-9	<10	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).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Inhalation

Skin May cause slight transient irritation. May cause allergic reactions to certain individuals.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation (lung irritant). May cause irritation of respiratory tract, coughing, shortness of breath.

Ingestion No data on acute toxicity of the product when ingested.

Carcinogenic Effects Crystalline Silica-Quartz - Classified 1 (Proven for human) by IARC, 1 (Known To Be Human Carcinogen) by NTP

Chronic Effects Contains crystalline silica, which may cause lung disease and/or cancer. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage. Repeated or prolonged exposure to the substance can produce damage to skin and eyes.

See Toxicological Information (section 11)

HMIS

Health	2
Fire Hazard	0
Reactivity	0
Personal Protection	A, t

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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	Not applicable.		
Fire Hazard	May emit toxic fumes under fire conditions.		
Fire-Fighting Procedures	Cool closed containers exposed to fire with water.		

**Section 6. Accidental Release Measures**

Spill Clean up	Put on appropriate personal protective equipment (see Section 8). Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling. Do not use with other products.
Storage	Keep container tightly closed and dry. Keep away from heat and direct sunlight. Keep away from incompatibles. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes	Safety glasses.	
Body	Gloves: Protective gloves should be worn under normal conditions of use.	
Respiratory	Use with adequate ventilation. Recommended: Approved/certified disposable particulate dust mask.	

Section 9. Physical and Chemical Properties

Physical State	Granular solid.	Color	Light tan.
pH	Not applicable.	Odor	Pleasant. (Strong.)
Boiling Point	Not applicable.	Vapor Pressure	Not applicable.
Specific Gravity	Not applicable.	Vapor Density	Not applicable.
Solubility	Insoluble in cold water, hot water.	Evaporation Rate	Not applicable.
		VOC (Consumer)	Not applicable.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with acids and ammonia.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, and other unspecified organic materials

Section 11. Toxicological Information

Toxicity to Animals	Not determined.
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Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	Waste Stream	Code: - (Not applicable.) Classification: - (Non-hazardous waste)
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Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	None.		
DOT Classification	Not a DOT controlled material (United States).	UN number	Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 311: Blend of amyl acetate, 3-methyl butyl acetate, & 2-methyl butyl acetate Clean air act (CAA) 112 regulated toxic substances: No products were found.
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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.