



ZEP Manufacturing Company  
 Acuity Specialty Products Group, Inc.  
 P.O. Box 2015  
 Atlanta, GA 30301  
 1-877-I-BUY-ZEP (428-9937)

# Material Safety Data Sheet and Safe Handling and Disposal Information

**Section 1. Chemical Product and Company Identification**

**Product name** ZEP Z-GREEN  
**Product Use** General Purpose Cleaner  
**Product Code** 1848  
**Date of issue** 11/16/04 **Supersedes** 01/05/01

**Emergency Telephone Numbers** For MSDS Information:  
 Acuity Specialty Products Group, Inc.  
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

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

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**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 |
|--|-------|-------------|-----------------|
| OSHA's Hazard Communication Standard (29 CFR 1910.1200) does not require the listing of any ingredient for this product. |       |             |                 |

**Section 3. Hazards Identification**

**Acute Effects** **Routes of Entry** Not applicable.  
**Skin** Non-irritating under conditions of use. Prolonged or repeated contact may dry skin and cause irritation.  
**Eyes** Direct contact may cause irritation and redness.  
**Inhalation** No known acute effects of this product resulting from inhalation.  
**Ingestion** Not considered to be toxic for humans.

| HMIS                |   |
|---------------------|---|
| Health              | 0 |
| Fire Hazard         | 0 |
| Reactivity          | 0 |
| Personal Protection | B |

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.  
**Chronic Effects** There is no known effect from chronic exposure to this product.

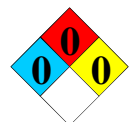
See Toxicological Information (section 11)

**Section 4. First Aid Measures**

**Eye Contact** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.  
**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 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** Not applicable.  
**Fire Hazard** Not applicable.  
**Fire-Fighting Procedures** Not applicable.



**Section 6. Accidental Release Measures**

**Spill Clean up** Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.

**Section 7. Handling and Storage**

**Handling** Avoid contact with skin and eyes. Wash contaminated clothing before reusing. Wash thoroughly after handling.  
**Storage** Keep container tightly closed and dry. Store between 40°F - 120°F. Keep out of the reach of children.

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

**Eyes** Safety glasses.  
**Body** For prolonged or repeated handling, use gloves. Nitrile gloves. Neoprene gloves. Natural rubber (latex) gloves.  
**Respiratory** No special protection is required.

**Section 9. Physical and Chemical Properties**

|                         |  |                         |                             |
|-------------------------|--|-------------------------|-----------------------------|
| <b>Physical State</b>   | Clear liquid.                            | <b>Color</b>            | Green.                      |
| <b>pH</b>               | 9.0-9.5                                  | <b>Odor</b>             | Sassafras                   |
| <b>Boiling Point</b>    | 100°C (212°F)                            | <b>Vapor Pressure</b>   | Not determined.             |
| <b>Specific Gravity</b> | 1 (Water = 1)                            | <b>Vapor Density</b>    | Not determined.             |
| <b>Solubility</b>       | Easily soluble in cold water, hot water. | <b>Evaporation Rate</b> | 1 compared to Water         |
|                         |  | <b>VOC (Consumer)</b>   | 1.90% 0.16 lb/gal 18.97 g/l |

**Section 10. Stability and Reactivity**

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

**Section 11. Toxicological Information**

**Toxicity to Animals** Not applicable.

**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: - (None.)  
 Classification: - (Non-hazardous waste)  
 Consult your local or regional authorities.

**Section 14. Transport Information**

**Proper shipping name** Not applicable.  
**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: Sodium Dodecyl Benzene Sulfonate RQ 1000 lbs. (453.6 kg)  
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

**State Regulations** California prop. 65: No products were found.

**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.*