



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

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP FORMULA 50 R.T.U.
Product Use All-Purpose Cleaner
Product Code F500
Date of issue 12/07/04 **Supersedes** 05/03/99

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

Printing date: 12/07/04

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
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	A

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.

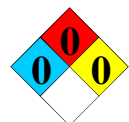
See Toxicological Information (section 11)

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 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 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 Not applicable.



Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam.

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 eyes. Avoid prolonged or repeated contact with skin. Wash contaminated clothing before reusing. Wash thoroughly after handling.

Storage

Keep container tightly closed and dry. Keep away from food, drink and animal feeding stuffs. 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. Rubber gloves.

Respiratory

No special protection is required.

Section 9. Physical and Chemical Properties**Physical State**

Clear Liquid.

Color Green.

pH

12.0-12.5

Odor Citrus

Boiling Point

100°C (212°F)

Vapor Pressure Not determined.

Specific Gravity

1.01 (Water = 1)

Vapor Density Not determined.

Solubility

Easily soluble in cold water, hot water.

Evaporation Rate 1 compared to Water

VOC (Consumer) 2.9% 0.24(lb/gal) 29(g/l)

Section 10. Stability and Reactivity**Stability and Reactivity**

The product is stable.

Incompatibility

Reactive with oxidizing agents, acids.

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**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream

Code: - (None.)

Information

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: No products were found.

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.