



**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** WASH & WAX PLUS  
**Product Use** Cleaner and Wax  
**Product Code** M979  
**Date of issue** 05/17/07 **Supersedes** 09/28/05

#### Emergency For MSDS Information:

**Telephone Numbers** 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: 05/17/07

**Prepared by** Compliance Services Group  
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 1420 Seaboard Industrial Blvd.  
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### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE; ethylenediamine tetraacetic acid; tetrasodium salt	64-02-8	<10	Not established
PROPRIETARY CATIONIC SURFACTANT	Proprietary	<10	Not established
ALCOHOLS, C9-11, ETHOXYLATED; linear primary alcohol ethoxylate	68439-46-3	<10	Not established

### Section 3. Hazards Identification

#### Acute Effects

**Routes of Entry** Not applicable.

#### Skin

Hazardous in case of skin contact (irritant, sensitizer). Skin inflammation is characterized by itching, scaling, or reddening. 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

Over-exposure by inhalation may cause respiratory irritation.

#### Ingestion

No data on acute toxicity of the product when ingested.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

#### 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)**

#### HMIS

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

### Section 4. First Aid Measures

#### Eye Contact

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation occurs.

#### Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops.

#### Inhalation

If inhaled, remove to fresh air. If irritation persists, seek 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. If symptoms persist, seek immediate medical attention.

### Section 5. Fire Fighting Measures

#### Flash Point

Not applicable.

**Flammable Limits** Not applicable.

#### Flammability

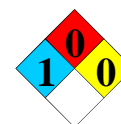
Aqueous solutions are non-flammable.

#### 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). For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Section 7. Handling and Storage****Handling**

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Wash contaminated clothing before reusing.

**Storage**

Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F-120°F. Keep away from: acids and oxidizing material.

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

Safety glasses with side shields.

**Body**

Nitrile gloves. Neoprene gloves. Rubber glove

**Respiratory**

Use with adequate ventilation. Avoid breathing vapors or spray mists.

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

Hazy liquid.

**Color** Colorless.

**pH**

11.5 - 12.0

**Odor** Mild.

**Boiling Point**

100°C (212°F)

**Vapor Pressure** Not determined.

**Specific Gravity**

1 (Water = 1)

**Vapor Density** Not determined.

**Solubility**

Easily soluble in cold water.

**Evaporation Rate** 1 compared to water

**VOC (Consumer)** 0.4%

**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 oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>) and Hydrogen Chloride (HCl)

**Section 11. Toxicological Information****Toxicity to Animals**

No specific data.

**Section 12. Ecological Information****Ecotoxicity**

Not determined

**Biodegradable/OECD**

Not determined

**Section 13. Disposal Considerations****Waste**

Waste must be disposed of in accordance with federal, **Waste Stream** Classification: - ( Non-hazardous waste)

**Information**

state and local environmental control regulations.

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.

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.

**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.

All Components of this product are listed or exempt from listing on TSCA inventory.

**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.