



**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 Measure-Up 7 Sanitizer Concentrate  
**Product Use** Sanitizer. Disinfectant.  
**Product Code** 0625  
**Date of issue** 08/19/04 **Supersedes** 10/22/93

This product is a registered pesticide. Number: 1839-86-1270

#### 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

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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
QUATERNARY AMMONIUM CHLORIDES; blend of alkyl dimethylbenzyl ammonium chlorides, alkyl dimethyl ethylbenzyl ammonium chlorides, and ethanol	68391-01-5; 68956-79-6	5-15	<b>ACGIH TLV (United States).</b> TWA: 1000 ppm 8 hour(s). <b>OSHA PEL (United States).</b> TWA: 1900 mg/m <sup>3</sup> 8 hour(s).

### Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Dermal contact. Eye contact.

**Skin** Hazardous in case of skin contact (corrosive, irritant). Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Eyes** Hazardous in case of eye contact (irritant, corrosive). Direct contact with the eyes can cause irreversible damage including blindness.

**Inhalation** Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion** Harmful if swallowed. Can cause gastrointestinal disturbances.

#### HMIS

Health	2
Fire Hazard	1
Reactivity	0
Personal Protection	D

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

See Toxicological Information (section 11)

### 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. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. 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** Closed cup: >93.9°C (201°F). **Flammable Limits** Not applicable.

**Flammability** Non-flammable.

**Fire Hazard** Not applicable.

**Fire-Fighting Procedures** Use an extinguishing agent suitable for surrounding fires.

**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 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. Use with adequate ventilation. Wash thoroughly after handling. Observe label precautions.

**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F. Keep away from food, drink and animal feeding stuffs. Do not reuse product container. Keep out of the reach of children.

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

**Eyes** Splash goggles. Face shield.

**Body** Neoprene gloves. Nitrile gloves. Rubber gloves. Wear appropriate protective clothing to prevent skin contact.



**Respiratory** Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

**Physical State** Liquid. **Color** Clear. Red. Orange.

**pH** 6.0 - 8.0 **Odor** Characteristic. (Slight.)

**Boiling Point** 101.67°C (215°F) **Vapor Pressure** Not determined.

**Specific Gravity** 0.99 (Water = 1) **Vapor Density** Not determined.

**Solubility** Easily soluble in cold water, hot water. **Evaporation Rate** 1 compared to Water

**VOC (Consumer)** 13.24 (g/l). 1.34% 0.11 lb/gal

**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 oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...), Ammonia.

**Section 11. Toxicological Information**

**Toxicity to Animals** Quaternary Ammonium Chlorides:  
ORAL (LD50): Acute: 250 mg/kg [Rat].

**Section 12. Ecological Information**

**Ecotoxicity** Toxic to aquatic organisms.

**Biodegradable/OECD** Not available.

**Section 13. Disposal Considerations**

**Waste** Waste must be disposed of in accordance with federal, **Waste Stream** Non-regulated waste

**Information** state and local environmental control regulations.

Consult your local or regional authorities.

**Section 14. Transport Information**

**Proper shipping name** Not regulated.

**DOT Classification** Not a DOT controlled material (United States). **UN number** Not applicable

**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.

**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.