



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 DZ-7 NEUTRAL DISINFECTANT CLEANER

Product Use Cleaner. Disinfectant. Deodorizer

Product Code 7520

Date of issue 03/02/07 **Supersedes** 09/22/04

This product is a registered pesticide. Number: 1839-168-1270

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

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

Printing date: 04/03/07

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
QUATERNARY AMMONIUM CHLORIDES; Blend of Alkyl dimethyl ammonium chloride, dimethyl benzyl ammonium chloride, Ethanol	68424-95-3, 68424-85-1, 64-17-5	1 - 5	Not established
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE; ethylenediamine tetraacetic acid; tetrasodium salt	64-02-8	1 - 5	Not established

Section 3. Hazards Identification

Acute Effects

Routes of Entry Dermal contact. Eye contact.

Skin Skin contact may produce burns. May be fatal if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

Eyes Causes eye burns. Direct contact with the eyes can cause irreversible damage including blindness.

Inhalation Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Over-exposure by inhalation may cause respiratory irritation.

Ingestion Harmful if swallowed. May cause burns to mouth, throat and stomach.

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

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)

HMIS

Health	2
Fire Hazard	0
Reactivity	0
Personal Protection	D

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately. Finish by rinsing thoroughly with running water to avoid a possible infection.

Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes 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. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not applicable.
Flammability Non-flammable.
Fire Hazard Not applicable.
Fire-Fighting Procedures

Flammable Limits Not applicable.

Use an extinguishing agent suitable for surrounding fires. Fire-fighters should wear proper protective equipment. Do not release runoff from fire to sewers or waterways.

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.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not reuse product container. Apply this product only as specified on the label.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Store below 120°F. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection**

Eyes Chemical splash goggles or face shield.
Body Wear appropriate protective clothing to prevent skin contact. Nitrile gloves. Rubber gloves. Neoprene gloves.

Protective Clothing (Pictograms)

Respiratory A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State Liquid.
pH 6.0 - 7.0
Boiling Point 100°C (212°F)
Specific Gravity 1.01 (Water = 1)
Solubility Easily soluble in cold water, hot water.

Color Clear. Colorless.**Odor** Pleasant.**Vapor Pressure** Not determined.**Vapor Density** Not determined.**Evaporation Rate** 1 compared to Water**VOC (Consumer)** 5.04 (g/l). 0.04 lb/gal 0.5%**Section 10. Stability and Reactivity**

Stability and Reactivity The product is stable.
Incompatibility Not available.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Toxicity to Animals QUATERNARY AMMONIUM CHLORIDES:
 ORAL (LD50): Acute: >500 mg/kg [Rat].
 DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
 Tetrasodium Ethylenediamine Tetraacetate :
 ORAL (LD50): Acute: 4100 mg/kg [Rat].

Section 12. Ecological Information

Ecotoxicity Toxic to aquatic organisms. Prevent water from entering water ways and drains.
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** Non-regulated waste

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 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.