



ZEP MANUFACTURING COMPANY
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1- 877- I - BUY- ZEP

Material Safety Data Sheet
and Safe Handling and Disposal Information

Issue Date 05/07/01
 Supersedes
 Product Name **DZ-7 NEUTRAL CLNR DISINFECTANT**
 Product No. 7520
 Disinfectant and Sanitizer

CATALDO AMBULANCE SERVICE, INC.
 137 WASHINGTON STREET
 SOMERVILLE MA 02143

Printing date: 12/10/03

SECTION I - EMERGENCY CONTACTS

For MSDS Information:
 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

SECTION II - HAZARDOUS INGREDIENTS

**** QUATERNARY AMMONIUM CHLORIDES **** blend of alkyl (C12-C16) dimethylbenzylammonium chloride and ethanol (CAS# 68424-85-1 / 64-17-5); OSHA PEL (ethanol) - 1000 ppm; TLV - N/D; EFFECTS - COR TOX CBL; % IN PROD - < 10
 @ -Reportable under the SARA 313 Toxic Release Inventory

SECTION III - HEALTH HAZARD DATA

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use (diluted) so long as prescribed safety precautions are practiced.

ACUTE EFFECTS OF OVEREXPOSURE:

This product can be corrosive to eyes and skin. Eye contact can cause corneal damage or blindness. Skin contact can produce inflammation, reddening, and blistering. Inhalation of spray mist or vapors may cause respiratory tract irritation. Ingredients in this product may aggravate existing skin, eye, or respiratory disorders.

CHRONIC EFFECTS OF OVEREXPOSURE:

Repeated or prolonged skin contact may produce chronic inflammation or dermatitis, characterized by redness, scaling, or itching. Repeated eye exposure may produce chronic inflammation of the eye or corneal damage. None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA.

EST'D PEL/TLV: Not established

PRIMARY ROUTES OF ENTRY: Ing.

HMIS CODES: HEALTH 2; FLAM 0; REACT 0; PERS. PROTECT B; CHRONIC HAZ NO

FIRST AID PROCEDURES:

SKIN: Immediately flush contaminated skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.

INHALE: If symptoms occur, move affected person to fresh air. If symptoms persist, get medical attention promptly.

INGEST: If this product is swallowed, do not induce vomiting. If individual is alert, give plenty of water to drink. Get medical attention at once.

SECTION IV - SPECIAL PRECAUTION INFORMATION

PROTECTIVE CLOTHING: Wear neoprene, nitrile, or natural rubber gloves or gloves with proven resistance to the ingredients listed.

EYE PROTECTION: Wear splash-proof safety goggles especially if contact lenses are worn.

RESPIRATORY PROTECTION: No special measures are required.

VENTILATION: No special measures are required.

SECTION V - PHYSICAL DATA

BOILING POINT (F) - ~220

VAPOR PRESSURE(mmHg) - N/D

VAPOR DENSITY(AIR-1) - N/D

SOLUBILITY IN WATER - COMPLETE

pH(USE DILUTION OF) - 1:32 6.0-7.0

VOC CONTENT (CONCENTRATE) - 0.5% 0.04 lb/gal

APPEARANCE AND ODOR - A CLEAR, COLORLESS, THIN LIQUID WITH A PLEASANT FRAGRANCE.

SPECIFIC GRAVITY - 1.01

EVAPORATION RATE (WATER=1) - 1.0

pH(CONCENTRATE) - 6.0-7.0

SECTION VI - FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): None N/A
FLAMMABLE LIMITS:LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Noncombustible.
SPECIAL FIRE FIGHTING: Wear self-contained positive pres. breathing apparatus.
UNUSUAL FIRE HAZARDS: Fire exposed drums should be cooled with stream of water.

SECTION VII - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY(AVOID): None known
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide, ammonia, oxides of nitrogen, hydrogen chloride.

SECTION VIII - SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIALS IS RELEASED OR SPILLED:

Observe safety procedures in section 4 & 9 during clean-up. Absorb spill on an inert absorbent material and place in a suitable waste container or, if permitted, flush to sewer. Rinse area well with water.

WASTE DISPOSAL METHOD:

Liquid wastes are not permitted in landfills. This product is not considered a hazardous waste under RCRA. Unusable liquid may be absorbed on an inert absorbent material, drummed, and taken to a chemical or industrial landfill. In some areas disposal by flushing into a sanitary sewer with plenty of water may be permissible. Consult local, state, and federal agencies for proper disposal method in your area.

RCRA HAZ WASTE NOS: N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING

Store tightly closed container in a dry area at temps. between 40-120 degrees F. Store away from strong acids and oxidizing compounds. Keep product away from skin and eyes. Clothing or shoes which become contaminated with substance should be removed promptly and not worn until thoroughly cleaned. Keep out of the reach of children.

SECTION X - REGULATORY INFORMATION

DOT PROPER SHIPPING NAME: INDUSTRIAL CLEANERS NOI LIQUID KEEP FROM FREEZING

NOTE: DOT information applies to larger package sizes of affected products. For some products, DOT may require alternate names and labeling in accordance with packaging group requirements.

DOT HAZARD CLASS: NA DOT PACKING GROUP:

DOT I.D. NUMBER: DOT LABEL/PLACARD:

EPA TSCA CHEMICAL INVENTORY - ALL INGREDIENTS ARE LISTED

EPA CWA 40CFR PART 117 SUBSTANCE(RQ IN A SINGLE CONTAINER): NONE

EPA CAA: N/A