

# MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING DISPOSAL INFORMATION

ZEP MANUFACTURING COMPANY  
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Acuity specialty Products Group 1-877-I-BUY-ZEP

SOLD TO:

01265

Detail Devils  
1 Foundry Street  
Stroudsburg, PA 18360  
(570) 426-9852 Attn. Ron

## ZEP TAR and BUG REMOVER

Product Number 0405

### SECTION 1 – EMERGENCY CONTACTS

Additional Information call  
Acuity Specialty Products Group 1-877-I-BUY-ZEP

#### For a Medical Emergency:

INFOTRAC  
(877) 541-2016 Toll Free - All Calls Recorded

#### For a Transportation Emergency:

CHEMTREC  
(800) 424-9300  
In the District of Columbia: (202) 483-7616

### SECTION II – HAZARDOUS INGREDIENTS

\*\* EHTYLENE GYCOL MONOBUTYL ETHER\*\* 2-butoxyethan\_ol;butyl cellosolve; CAS# 111-76-2; RTECS#KJ8575000; OSHA PEL (SKIN) – 25 ppm; TLV – 20; EFFECTS – TOX IRR CBL; % IN PROD – 5-15

\*\*TETRASODIUM ETHYLENDIAMINE TETRACETATE\*\* ethylenedinitrilio tetraacetic acid; tetrasodium salt; EDTA; CAS# 64-02-8; RTECS# AH5075000: OSHA PEL N/D; EFFECTS – IRR; % IN PROD - <10

### 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:

Contact with this product may irritate eyes and skin. Inflammation of the eye is characterized by redness, watering and itching. Skin inflammation is characterized by itching, scaling or reddening. Overexposure by inhalation may cause respiratory irritation. Existing respiratory disorders or skin diseases may be aggravated by exposure.

#### CHRONIC EFFECTS OF OVEREXPOSURE

Animal studies indicate a potential for liver, kidney, or red blood cell damage. Relevance of these studies or exposure levels which might produce these effects in humans has not been established. None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA.

EST'D PEL/TLV: Not established

PRIMARY ROUTES OF ENTRY: Inh; Skin

HMIS CODES: HEALTH 2; FLAM 0; REACT. 0; PERS. PROTECT.B; CHRONIC HAZ. YES

#### 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 PROTECTION INFORMATION

PROTECTIVE CLOTHING: Wear nitrile gloves or use gloves with demonstrated resistance to the ingredients of this product..

EYE PROTECTION: Wear tight-fitting splash-proof safety glasses especially if contact lenses are worn.

RESPIRATORY PROTECTION: If ventilation is inadequate, wear a properly fitting MSHA or OSHA-approved respirator.

VENTILATION: Ventilation should be equivalent to outdoors. Use exhaust fans and open windows in enclosed spaces

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## SECTION V – PHYSICAL DATA

BOILING POINT(F): ~220  
VAPOR PRESSURE(mmHg): N/A  
VAPOR DENSITY(AIR=1): N/A  
SOLUBILITY IN WATER - COMPLETE  
pH(USE DILUTION OF)-N/A  
VOC CONTENT(CONCENTRATE) 9.5% 0.79 lb/gl  
APPEARANCE AND ODOR: CLEAR, THIN, LIGHT VIOLET LIQUID WITH MILD SOLVENT ODOR

SPECIFIC GRAVITY: 0.99  
EVAPORATION RATE(WATER=1): ~1.0  
pH(CONCENTRATE): 8.0-9.0

## SECTION VI – FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): N/A  
FLAMMABLE LIMITS: LEL: N/A UEL: N/A  
EXTINGUISHING MEDIA: Noncombustible  
SPECIAL FIRE FIGHTING: None  
UNUSUAL FIRE HAZARDS: Fire exposed drums should be cooled with stream of water

## SECTION VII – REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY (AVOID): Strong alkalis  
POLYMERIZATION: Will not occur  
HAZARDOUS DECOMPOSITION: Carbon dioxide and carbon monoxide

## SECTION VIII – SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Observe safety precautions in Sections 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 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 disposable flushing into a sanitary sewer with plenty of water may be permissible. Consult local, state and federal agencies for proper method of disposal in your area. RCRA RCRA HAZ. WASTE NOS: N/A

## SECTION IX – SPECIAL REGULATIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:  
Store tightly closed container in a dry area at temps between 40-120 degrees F. Keep away from skin and eyes. Do not breathe spray mists or vapors. Clothing or shoes which become contaminated with substance should be removed promptly and not reworn until thoroughly cleaned. Keep out of reach of children.

## SECTION X – REGULATORY INFORMATION

DOT PROPER SHIPPING NAME: INDUSTRIAL CLEANERS N.O.I., 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: N/A 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