

MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING DISPOSAL INFORMATION

ZEP MANUFACTURING COMPANY
P.O. BOX 2015
ATLANTA, GA 30301

ISSUE DATE: 02/19/01
SUPERSEDES:

DATE PRINTED: 12/23/02

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 CITRA CLEAN DEGREASER

Product Number 0455

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

DESIGNATIONS

@**ETHYLENE GLYCOL MONOBUTYL ETHER**

2-butoxyethanol; butyl cellosolve; CAS#111-76-2; TLV (PPM) 20 EFFECTS (SEE NOTICE) TOX IRR CBL %IN PROD. <5

RTECS# KJ8575000; OSHA PEL (SKIN)-225 PPM

MONOETHANOLAMINE 2-aminoethanol MEA; CAS#141-43-5; TLV (PPM) 3 EFFECTS (SEE NOTICE) COR CNS CBL %IN PROD. <5

RTECS# KJ5775000; OSHA PEL-3 PPM; OSHA/ACGIH STEL-6PPM

D-LIMONENE orange distillate; citrus terpene; cyclohexene; TLV (PPM) N/D EFFECTS (SEE NOTICE) CBL SEN %IN PROD. <5

1-methyl-4-(methylethenyl)-; CAS#5989-27-5 RTECS#

GW6360000:OSHA PEL N/D

@ IDENTIFIES CHEMICALS LISTED UNDER SARA-SECTION 313 FOR RELEASE REPORTING.

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 an eye irritant. Inflammation of eye tissue is characterized by redness, watering and/or itching.

Prolonged skin contact can cause irritation characterized by itching or reddening of the skin.

Overexposure by inhalation may cause respiratory infection.

Existing respiratory disorders or skin diseases may be aggravated by exposure.

One of the ingredients in this product has caused sensitization reactions in a small percentage of the general population.

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 1; FLAM 2; 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. If irritation develops, consult a physician.

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.

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SECTION IV-SPECIAL PROTECTION INFORMATION

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

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

RESPIRATORY PROTECTION: No extra measures are needed if ventilation is adequate.

VENTILATION: Provide local exhaust/ventilation as needed to keep concentration of vapors below exposure limits (PEL/TLV)

SECTION V – PHYSICAL DATA

BOILING POINT(F): N/D

SPECIFIC GRAVITY: 1.01

VAPOR PRESSURE(mmHg): N/D

EVAPORATION RATE(WATER=1): 1.0

VAPOR DENSITY(AIR=1): N/D

pH(CONCENTRATE): 11.2-11.8

pH(USE DILUTION OF N/A); N/A

VOC CONTENT(CONCENTRATE);17.0% 1.43 lb/gl

APPEARANCE AND ODOR: A CLEAR, THIN ORANGE LIQUID WITH A CITRUS ODOR.

SECTION VI – FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): >124 (TCC)

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water, and foam.

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): Heat, open flame, spark, and oxidizing agents.

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide and other unidentified organic compounds

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 inert absorbent material; pick up and place in a clean D.O.T. specification container for disposal. Wash area thoroughly with a detergent solution and then rinse well with water.

WASTE DISPOSAL METHOD:

Liquids cannot be sent to landfills unless solidified. Unusable product and some collected, spent use-dilutions may require disposal as a hazardous waste at a permitted treatment/storage/disposal facility. In most states hazardous wastes in total amounts of 220 lbs or less per month may be disposed of in a chemical or industrial waste landfill. If company effluent is ultimately treated by a publicly owned treatment works, neutralization of spent tank-solutions with subsequent discharge to the sewer may be possible. Consult local, state and federal agencies for proper disposal method in your area.

RCRA HAZ. WASTE NOS: D001

SECTION IX – SPECIAL REGULATIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:

Combustible! Store and keep away from heat, sparks, open flame, or any source of ignition.

Keep product out of eyes

Avoid prolonged contact with skin.

Clothing or shoes which become contaminated with substance should be removed promptly and not reworn until thoroughly cleaned.

Keep out of the 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

Date Last Reviewed by Compliance Services: 08/28/02