



CLEAN ACROSS AMERICA AND
THROUGHOUT THE WORLD™

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

FROST BENCO ELECTRIC
HWY 169 SOUTH
MANKATO, MN 56001

MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING AND DISPOSAL INFORMATION

11/30/94

ISSUE DATE: 07/16/90

SUPERSEDES: 04/21/89

ZEP BATTERY CARE

PRODUCT NO.: 0308

Aerosol Battery Terminal Cleaner

SECTION I - EMERGENCY CONTACTS

TELEPHONE:

(404) 352-1680 BETWEEN 8:00 AM - 5:00 PM (EST)

MEDICAL EMERGENCY:

(404) 435-2973 NON-OFFICE HOURS, WEEKENDS
(404) 432-2873 AND HOLIDAYS, PLEASE CALL YOUR
(404) 424-4789 LOCAL POISON CONTROL
(404) 319-6151
(404) 242-3561

TRANSPORTATION EMERGENCY:

(404) 922-0923

CHEMTREC:

1-800-424-9300 TOLL-FREE - ALL CALLS RECORDED

DISTRICT OF COLUMBIA:

(202) 483-7616 ALL CALLS RECORDED

SECTION II - HAZARDOUS INGREDIENTS

DESIGNATIONS

@ ** ETHYLENE GLYCOL MONOBUTYL ETHER ** 2-butoxyethanol; butyl cellosolve; CAS# 111-76-2; RTECS# KJ8575000;
OSHA PEL (SKIN)- 25 ppm

TLV
(PPM)

EFFECTS
(SEE REVERSE)
TOX IRR CBL

% IN
PROD.
< 5

@ 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:

Overexposure by inhalation may cause respiratory irritation. Inhalation of aerosol mist may produce chemical pneumonia.

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. 1;REACT. 0;PERS. PROTECT. A ;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: Move exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Get medical attention immediately.

Ingest: If swallowed, do not induce vomiting. If vomiting occurs, keep head below hip level. Get emergency medical attention immediately.

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: Use of tight-fitting safety glasses or goggles is strongly recommended, especially when wearing contact lenses.

Respiratory Protection: Keep face away from spray mist and do not breathe vapors.

Ventilation: If vapors are detected, ventilate work area by opening windows and using exhaust fans.

SECTION V - PHYSICAL DATA

Boiling Point (°F): 215 Approx.

Specific Gravity: 1.0

Vapor Pressure (mmHg):

N/D

Percent Volatile by Volume (%): 87.5

Vapor Density (air = 1): N/D

Evaporation Rate (WATER = 1):

1.0

Solubility in Water: COMPLETE

pH (concentrate): N/A

pH (use dilution of N/A):

N/A

Appearance and Odor: A MILKY-WHITE LIQUID HAVING A MILD, NON-OBJECTONABLE ODOR.

SECTION VI - FIRE AND EXPLOSION DATA

Flash Point (°F) (method used): NOT FLAMMABLE (CSMA)

Flammable Limits: LEL N/A UEL N/A

Extinguishing Media: Noncombustible.

Special Fire Fighting: None

Unusual Fire Hazards: Direct water onto intact containers to prevent bursting.