

MATERIAL SAFETY DATA SHEET(29 CFR 1910.1200) Complies with OSHA's Hazard Communication Standard

INFORMATION TELEPHONE NUMBER: 800-255-0262 (M-F 8AM to 5PM, CST)

RERERENCE: RD9-96B1, RD9-48A1, RD9-48A2, RD9-48B2, RD9-48B2

PRODUCT NAME:
(as it appears on label):**Zutron Multi-Enzymatic Cleaner Concentrate - Non-foaming****DESCRIPTION:** An enzymatic cleaner concentrate for cleaning medical equipment.**REORDER NUMBER:** ZUTR28601 and ZUTR50505**MANUFACTURED BY:** Central Solutions, Inc. 401 Funston Rd., Kansas City, KS 66115**MARKETED BY:** **Zutron Medical**
1911 Broadway
Kansas City, MO 64108**Date Prepared:** August 17, 2009
Prepared By: Richard Kueser / Regulatory Compliance
Reviewed By: Director**HMIS RATING (concentrate)** HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 PERSONAL: B**HAZARD RATING:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme A = Safety Glasses B = Safety Glasses & Gloves**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS****HAZARDOUS COMPONENTS**
(Specific Chemical Identity: Common Names)
IsopropanolCAS #'s
67-63-0OSHA PEL
400 ppmACHIH TLV
400 ppm**Other Limits Recommended**
N/E**% (Optional)**
<5%

++Germicidal Actives *SARA Title III Section 313 Reportable

N/A = Not Applicable N/E = Not Established N/D = Not Determined N/L = Not Listed

SECTION 3 – HAZARDS IDENTIFICATION (Potential Health Effects)**POSSIBLE ROUTES OF ENTRY INTO THE BODY:** Eyes, Ingestion, Skin**HEALTH HAZARDS:** May cause mild eye and skin irritation with prolonged exposure to the concentrate. May be harmful if swallowed.**SIGNS & SYMPTOMS OF EXPOSURE:** EYES: Possible watering, burning and redness. SKIN: Possible mild irritation with prolonged exposure to concentrate. SWALLOWED: Possible gastrointestinal irritation or disturbance.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known**CARCINOGENITY:** NO ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or OSHA.**SECTION 4 – FIRST AID MEASURES**EYES: Flush with clear water for 15 minutes. SWALLOWED: If patient is conscious and alert, dilute by drinking large quantities of water. Allow vomiting to occur then get medical attention. *Always get medical attention when product is swallowed or when signs and/or symptoms of significant or persist.***SECTION 5 – FIREFIGHTING MEASURES****FLASH POINT (method used):** N/A (water based liquid) **FLAMMABLE LIMITS:** LEL: N/A UEL: N/A**EXTINGUISHING MEDIA:** As appropriate for the surrounding fire.**SPECIAL FIREFIGHTING TACTICS:** As appropriate for the surrounding fire.**UNUSUAL FIRE & EXPLOSIVE HAZARDS:** None**SECTION 6 – ACCIDENTAL RELEASE MEASURES****SMALL SPILLS:** Small spills (< 1 gallon) may be washed down a drain or cleaned up and disposed of into a sanitary sewer system.**LARGE SPILLS:** Large spills (> 1 gallon) should be contained and collected (by absorption or vacuuming) then disposed of properly.**SECTION 7 – HANDLING AND STORAGE****HANDLING:** Do not contaminate water, food, or feed. Do not reuse empty containers. Keep containers clean & closed.**STORAGE:** KEEP OUT OF REACH OF CHILDREN**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION****ENGINEERING CONTROLS:** **Mechanical Ventilations (General):** Normally sufficient **Local Exhaust:** Not Normally Needed**RESPIRATORY PROTECTION:** Not needed. General ventilation is normally adequate.**SKIN PROTECTION:** Not normally needed, avoid prolonged contact with skin, wear gloves if unavoidable**EYE PROTECTION:** Not normally needed, avoid contact with eyes while using, wear eye protection if application might allow getting product into eyes**WORK/HYGIENE PRACTICES** Do not get into eyes. May be harmful if swallowed. Protect food & drink from contamination by product.**SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES****APPEARANCE & ODOR:** A clear light green liquid with a Pleasant or alcohol odor.**BOILING POINT:** 212° F **Specific Gravity@ 25° C** 1.00 - 1.02 **pH (concentrate):** 8.00 to 8.36**VAPOR PRESSURE:** N/E **MELTING POINT:** N/E **pH (diluted as per label):** 7.0-8.5**VAPOR DENSITY:** N/E **SOLUBILITY IN WATER:** Complete **EVAPORATION RATE (Butyl Acetate = 1):** N/E**SECTION 10 – STABILITY & REACTIVITY****STABILITY:** Stable**HAZARDOUS POLYMERIZATION:** Will not occur**INCOMPATIBILITY (materials to avoid)** None known**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS** None known**SECTION 11 – DISPOSAL CONSIDERATIONS****WASTE DISPOSAL METHOD:** This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).**SECTION 12 – TRANSPORTATION INFORMATION****PROPER SHIPPING NAME:** Cleaning Compound, NOI, NMFC, 48580, Class 55**DOT HAZARD CLASS:** Not Hazardous**DOT SHIPPING ID NUMBER:** N/A**DOT LABELING:** N/A

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied, is given. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.