

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

INFORMATION TELEPHONE NUMBER: 913-621-6542 (M-F 8 AM to 4:30PM, CST)

REFERENCE: RD2-9A

ITEM NO.: 14090

PRODUCT NAME

**DermaCen LOTIONIZED HAND SANITIZER****DESCRIPTION:** A lotionized alcohol hand sanitizer for hand washing to decrease bacteria on the skin**MANUFACTURER'S INFORMATION****DATE PREPARED:****August 22, 2005****SIGNATURES (Optional)****Central Solutions, Inc.**

401 Funston Rd., P.O. Box 15276

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**PREPARED By:**

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**REVIEWED By:**

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**HMIS RATING****Concentrate****HEALTH** 0**REACTIVITY** 0**FLAMMABILITY** 3**PERSONAL****HAZARD RATINGS:** 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)**

Denatured Ethyl Alcohol

**CAS #**

64-17-5

**OSHA PEL**

1000 ppm

**ACGIH TLV**

1000 ppm

**Other Limits**

N/A

**% (Optional)**

62.0%

Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title III (Emergency Planning and Community Right-To-Know Act)

\* Ingredients subject to reporting requirements of Section 313 of SARA Title III

† Ingredients listed as germicidal actives

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 • Inhalation**HEALTH HAZARDS:** Can be harmful if swallowed. Ingestion may cause diarrhea, distention, and/or vomiting.**SIGNS AND SYMPTOMS OF EXPOSURE:** **If in eyes:** Burning, watering, redness. **If swallowed:** Possible gastrointestinal irritation or disturbance.**If vapors are inhaled:** Possible giddiness or loss of consciousness.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.**CARCINOGENICITY:** NO ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.**SECTION 4 - FIRST AID MEASURES****If in eyes:** Flush with water for 15 minutes. **If swallowed:** If patient is conscious and alert, dilute by drinking large quantities of water. Allow vomiting to occur, then get medical attention.**If inhaled:** Remove to fresh air. Always get medical attention when product is swallowed or when symptoms are significant or persist.**SECTION 5 - FIRE FIGHTING MEASURES****FLASH POINT:** 70°F**METHOD USED:** SETA**Flammable Limits:** N/D**LEL:** N/D**UEL:** N/D**EXTINGUISHING MEDIA:** Carbon dioxide, Alcohol-type foam, Dry Chemical**SPECIAL FIRE FIGHTING PROCEDURES:** NIOSH-approved respirator should be worn by firefighters. Use water spray to cool equipment and to disperse vapors. Alcohol flames may be difficult to see because they are virtually colorless.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors from this product may travel or move by air currents to an ignition source and flash back**SECTION 6 - ACCIDENTAL RELEASE MEASURES****SMALL SPILLS:** Small spills (less than 8 ounces) may be washed down a drain with lots of water or cleaned up and disposed of into a sanitary sewer system.**LARGE SPILLS:** Large spills (more than 8 ounces) should be contained and collected (by absorption [sand, clay, or other absorbent material] or vacuuming) then disposed of properly.**SECTION 7 - HANDLING & STORAGE****HANDLING** Do not contaminate water, food, or feed. Do not reuse empty containers. Keep containers clean and closed.**STORAGE:** KEEP OUT OF REACH OF CHILDREN. Store at ambient temperatures. Avoid all ignition sources.**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****ENGINEERING CONTROLS: Mechanical Ventilation (General):** Normally Sufficient**Local Exhaust:** Not Needed**RESPIRATORY PROTECTION:** Not necessary. General ventilation is normally adequate.**SKIN PROTECTION:** Not necessary. This product is a hand sanitizer.**EYE PROTECTION:** Avoid eye contact**WORK/HYGIENE PRACTICES:** Do not get into eyes. May be harmful if swallowed. Protect food and drink from contamination by product.**SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES****Appearance and Odor:** A white lotion like liquid with a pleasant and alcohol odor**Boiling Point:** 212° F**Density (wt./gal) @25°C:** 7.15 to 7.35 lbs./gal**pH (Ready-To-Use):** 5.50 to 7.50**Vapor Pressure:** N.E.**Solubility Water:** Complete**Viscosity:** 2,000 to 15,000 cps**Vapor Density:** N.E.**Melting Point:** N/A**Evaporation Rate:** N.E.**SECTION 10 - STABILITY & REACTIVITY****STABILITY:** Stable**HAZARDOUS POLYMERIZATION:** Will Not Occur**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** None Known**INCOMPATIBILITY (Materials or Conditions to Avoid):** Heat, sparks, and open flames. Oxidizing materials can cause vigorous reaction**SECTION 11 - DISPOSAL CONSIDERATIONS****WASTE DISPOSAL METHOD:** This product is considered a RCRA Hazardous Waste (due to flammability) 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:** CONSUMER COMMODITY (ORM-D)**NOTE:** 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.