

MATERIAL SAFETY DATA SHEET										Complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200)										
INFORMATION TELEPHONE NUMBER: 913-621-6542 (M-F 8AM - 4:30PM, CST)										REFERENCE: RD5-26B					ITEM NO.: 14000					
PRODUCT NAME		DermaCen FOAMING INSTANT HAND SANITIZER																		
DESCRIPTION: A gelled alcohol hand sanitizer for handwashing to decrease bacteria on the skin																				
MANUFACTURER'S INFORMATION										DATE PREPARED: November 22, 2007					SIGNATURES (Optional)					
Central Solutions, Inc. 401 Funston Rd., P.O. Box 15276 Kansas City, KS 66115										PREPARED By: Paul J. Nobrega, V.P. Regulatory Services										
										REVIEWED By: Terry Hall, Technical Director										
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 &																				
SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS																				
Hazardous Components (Specific Chemical Identity)										CAS #		OSHA PEL		ACGIH TLV		Other Limits		% (Optional)		
Denatured Ethyl Alcohol												64-17-5		1000 ppm		1000 ppm				
Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title III (Emergency Planning and Community Right-To-*																				
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 foam with a pleasant and alcohol odor																				
Boiling Point: 212°F					Density (wt./gal) 7.20 to 7.40 lbs./gal					pH: 6.00 to 8.00										
Vapor Pressure: N.E.					Solubility Water: Complete					Viscosity: None										
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.																				