

MATERIAL SAFETY DATA SHEET										
<i>Complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200)</i>										
INFORMATION TELEPHONE NUMBER: 913-621-6542 (M-F 8 AM to 4:30PM, CST)					REFERENCE: RDY-26B ITEM NO.: 14030					
PRODUCT NAME		DermaCen INSTANT HAND SANITIZER								
DESCRIPTION: A gelled alcohol hand sanitizer for handwashing to decrease bacteria on the skin										
MANUFACTURER'S INFORMATION				DATE PREPARED: October 20, 2004			SIGNATURES (Optional)			
Central Solutions, Inc. 401 Funston Rd., P.O. Box 15276 Kansas City, KS 66115				PREPARED By: Gary W. Helton, Environmental Health Specialist						
				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 & Gloves										
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	N/A	64.5%		
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 clear gel with a mild floral and alcohol odor										
Boiling Point: 212° F		Density (wt./gal) @25°C: 7.20to 7.40 lbs./gal			pH (Ready-To-Use): 6.00 to 8.00					
Vapor Pressure: N.E.		Solubility Water: Complete			Viscosity: 10,000 to 30,000 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.										