

# MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200)

INFORMATION TELEPHONE NUMBER: 800-255-0262 (M-F 8AM to 5PM, CST)		REFERENCE: RD1-14B	
PRODUCT NAME: <i>(as it appears on label):</i>	<b>Medi-Pak™ Performance Instant Hand Sanitizer</b>		
DESCRIPTION: A gelled alcohol hand sanitizer for handwashing to decrease bacteria on the skin			
REORDER NUMBER:	2.5 oz.: 53-28039	4 oz.: 53-28032	8 oz.: 53-28033    15oz.: 53-28037
	1000 ML: 53-28036-1000	1000 ML (Maxi Pump): 53-28036-MP1000	1250 ML: 53-28036-1250    2000 ML: 53-28036-2000
MANUFACTURED BY:	Central Solutions, Inc. 401 Funston Rd., Kansas City, KS 66115		
MARKETED BY:	McKesson Corporation McKesson Medical-Surgical Richmond, VA 23228	Date Prepared: Prepared By: Reviewed By:	7-28-09 Richard Kueser, Dir. Regulatory Compliance Sean Smith, Technical Director
HMIS RATING (concentrate)	HEALTH: 0	REACTIVITY: 0	FLAMMABILITY: 3    PERSONAL: 0
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 <i>(Specific Chemical Identity: Common Names)</i>	CAS #'s	OSHA PEL	ACHIH TLV	Other Limits Recommended	% (Optional)
Denatured Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	N/A	64.5% (w/w)

Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title II (Emergency Planning and Community Right-to-Know Act)  
 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:	May cause mild eye irritation with exposure. May be harmful if swallowed.
SIGNS & SYMPTOMS OF EXPOSURE:	EYES: Possible watering, burning and redness. SWALLOWED: Possible gastrointestinal irritation or disturbance. INHALATION: Possible dizziness 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 OSHA.

## SECTION 4 – FIRST AID MEASURES

EYES: Flush with clear water for 15 minutes. INHALED: Remove to fresh air. 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): SETA	70°F	FLAMMABLE LIMITS: N/D	LEL: N/D	UEL: N/D
EXTINGUISHING MEDIA:	Carbon dioxide, Alcohol-type foam, Dry Chemical			
SPECIAL FIREFIGHTING TACTICS:	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 are virtually colorless.			
UNUSUAL FIRE & EXPLOSIVE 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 (< 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 Ventilation (General): Normally sufficient    Local Exhaust: Not Normally Needed
RESPIRATORY PROTECTION:	Not needed. General ventilation is normally adequate.
SKIN PROTECTION:	Not needed, this product is a hand sanitizer
EYE PROTECTION:	Not needed, avoid putting product into eyes while washing hands
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 gel with a pleasant and alcohol odor				
BOILING POINT:	212°F	DENSITY (lb./gallon) @ 25°C	7.20 to 7.40 lb/gal	pH (Ready-To-Use):	6.00 to 8.00
VAPOR PRESSURE:	N/E	MELTING POINT:	N/E	Viscosity:	10,000 - 30,000 cps
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)	Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	Carbon monoxide and carbon dioxide from burning

## 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).
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## SECTION 12 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Consumer Commodity (ORM-D) in packaging sizes 32 oz. and less	DOT HAZARD CLASS: Flammable Liquid, 3, II
DOT SHIPPING ID NUMBER: UN1170	DOT LABELING: ORM-D as packaged

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.