

MATERIAL SAFETY DATA SHEET		HIMIS RATING:		HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0	
IDENTITY: FORMULA H4C DEODORANT		NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.			
D-70, D-71		Section I			
Manufacturer's Name Handi-Clean Products, Inc. 301 Swing Road Greensboro, NC 27409		Distributed By:		Emergency Telephone Number (336) 292-3083 After 5:00 p.m. (336) 454-3662	
				Telephone Number for Information (336) 292-3083	
				Date Prepared 3/1/2001	
Section II - Hazardous Ingredients Information		CAS NO.	OSHA PEL	ACGIH TLV	% (optional)
Isopropyl Alcohol		67-63-0	400 ppm		
Aliphatic Petroleum Distillates		8052-41-3	100 ppm		
Dipropylene Glycol Monobutyl Ether		29911-28-2			
Section III - Physical/Chemical Characteristics					
Boiling Point	172°F	Specific Gravity (H₂O = 1)	0.831	Appearance	Amber Liquid
Vapor Pressure (mm Hg)	25	Evaporation Rate		Odor	Aeromatic
Vapor Density (AIR = 1)	N.D.	(Butyl Acetate = 1)	0.92	Solubility in Water	.10
Section IV - Fire and Explosion Hazard Data					
Flash Point (Method Used)	67° Open Cup		Flammable Limits	LEL -	UEL -
Extinguishing Media: Foam or Dry Chemical					
Special Fire Fighting Procedures: Product is in one ounce glass bottle. Use hand extinguisher or sand.					
Unusual Fire and Explosion Hazards: Vapors are flammable. Keep away from open flames.					
Section V - Reactivity Data					
Stability:	Stable	X	Unstable	Conditions to Avoid:	
Incompatibility (Materials to Avoid) Avoid strong oxidizing agents.					
Hazardous Decomposition or Byproducts None					
Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid		
	Possible in presence of catalysts such as aluminum chloride.				
Section VI - Health Hazard Data					
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	X	
Health Hazards (Acute and Chronic) May be fatal if swallowed. Product has strong odor and for this reason ingestion may not occur. Over exposure may cause dizziness, shortness of breath, reddening of skin and eyes.					
Emergency and First Aid Procedures INGESTION: DO NO INDUCE VOMITING. Drink large volume of milk or water. Call physician immediately. EYES: Flush with water for 15 minutes. See physician if irritation persists SKIN: Wash with soap and water. If irritation persists, see physician.					
Section VII - Precautions for Safe Handling and Use					
Steps to Be Taken in Case Material is Released or Spilled: Mop up with absorbent material.					
Waste Disposal Method: Dispose in accordance with local, state, & federal regulations.					
Precautions to Be Taken in Handling and Storing: STORE AWAY FROM OPEN FLAME.					
Other Precautions KEEP OUT OF REACH OF CHILDREN					
Section VIII - Control Measures					
Respiratory Protection (Specify Type) None Required			Ventilation	Normal	
Protective Gloves None Required			Eye Protection	Safety Glasses	
Other Protective Clothing or Equipment None Required					
Work/Hygienic Practices Wash hands after using product					