

HMIS	
Health	1
Flammability	3
Reactivity	0
PPE	A

# Material Safety Data Sheet

## SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

515090165

SOLD BY: RUTH INDUSTRIES, INC.	Product Name IHS 2000 Instant Hand Sanitizer
Address PO BOX 410615, ST. LOUIS, MISSOURI 63141	Date Prepared 6-1-95
Emergency Telephone No. and Other Information Calls (314) 569-0007	Prepared by Regulatory Affairs Department

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(Optional)
Denatured Ethanol	64-17-5	1000 ppm	1000 ppm	N/A	60%

\*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	Approx. 172° F	Specific Gravity (H <sub>2</sub> O=1)	0.80
Vapor Pressure (mm Hg.)	Not Established	Percent Volatile-by Weight (%)	>90%
pH (conc.)	7.0	Evaporation Rate (H <sub>2</sub> O=1)	>1
Solubility in Water	Soluble	Appearance and Odor	Clear Liquid/Alcohol Odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	50° TCC	Flammable Limits	LEL	N/E	UEL	N/E
Extinguishing Media	Water, CO <sub>2</sub> , Foam or media suitable for surrounding fire.					
Special Fire Fighting Procedures	Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.					
Unusual Fire and Explosion Hazards	None Known					

## SECTION V - PHYSICAL HAZARDS

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid <input type="checkbox"/>	None Known
Incompatibility (Materials to Avoid)	Do not mix with other chemicals.		
Hazardous Decomposition Products or By-products	Thermal decomposition or burning may produce toxic vapors or gases.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions to Avoid <input type="checkbox"/>	None Known
	Will Not Occur <input checked="" type="checkbox"/>		

N/A (Not Applicable/Not Available)  
N/E (Not Established)

**SECTION VI - HEALTH HAZARDS**

Routes(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (1.Acute and 2.Chronic) **1. Acute:** Harmful if swallowed. Eye irritant.

**2. Chronic:** None Known.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes  No  I.A.R.C. Monographs Yes  No  Ingestion OSHA Yes  No

Signs and Symptoms of Exposure Irritation or burning sensation.

Medical Conditions Generally Aggravated by Exposure May aggravate skin disorders or respiratory ailments.

Emergency and First Aid Procedures **Eye Contact:** Flush immediately with water for 15 minutes. Get medical attention.

**Ingestion:** Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled Eliminate ignition sources. Wear appropriate protective equipment. If possible, contain spill and collect in an approved container. Rinse affected area thoroughly with water. Keep product out of sewers or waterways. Hold for disposal.

Waste Disposal Method Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container and recycle.

Precautions to be Taken in Handling and Storing Avoid contact with eyes. Store in original container, in cool dry place. Keep out of reach of children. Keep container tightly closed when not in use.

Other Precautions Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type) Not Required

Ventilation Local Exhaust Not Required Mechanical (General) Not Required Special N/A Other N/A

Protection Gloves Not Required Eye Protection Chemical Resistant Goggles

Other Protective Clothing or Equipment Not Required

Work/Hygiene Practices Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply.

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