

976W
SOAP Waterless, Hand Sanitizer

Sani-Fresh® Alcohol Gel Waterless Antiseptic

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION 1

Date Prepared: August 01, 1996
Manufacturers Name: Sani-Fresh International
Address: A Division of Kimberly-Clark Tissue Co.
4702 Goldfield, San Antonio, TX 78218

Telephone Numbers:

MEDICAL EMERGENCY.....1-800-228-5635 Extension 140
TRANSPORTATION EMERGENCY.....CHEM-TEL 1-800-255-3924
INFORMATION.....1-210-661-5374

SECTION 2

HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s)	OSHA	ACGIH	%	CAS
	PEL	TLV		
Isopropanol (Isopropyl Alcohol)	400ppm	400ppm	40-60	67-63-0
Non-Hazardous Ingredients *	NA	NA	Bal.	NA

*Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR-1910.1200).

SECTION 3

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	> 170°F
Specific Gravity (H2O = 1)	0.91
Vapor Pressure (mm Hg)	NE
Vapor Density (Air = 1)	> 1
Solubility in Water	Complete
Reactivity in Water	None
Appearance and Odor	Clear Colorless Gel with Medicinal (alcohol) Odor
Melting Point	N.E.
pH	6.5 to 7.5
Evaporation Rate (BuAc = 1)	> 1
Percent Volatile By Volume (%) (Minus Water)	> 50%

SECTION 7
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in handling and storage:

Recommend storage between 40°F (5°C) and 100°F (37°C). Avoid excessive heat, sparks and flame.

Steps to be taken in case material is released or spilled:

Clean up with absorbent material.

Waste Disposal Methods (Consult Federal, State & Local Regulations):

SMALL SPILLS: Flush waste to sewer with large amounts of water, if permitted by Local, State and Federal Regulations. **LARGE SPILLS:** Incinerate in a furnace where permitted under appropriate Federal, State and Local Regulations.

SECTION 8
SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection:	Not normally required. If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH-approved dust/mist respirator.
Ventilation:	Not normally required. If needed, provide adequate general dilution ventilation.
Protective Gloves:	None
Eye Protection:	If potential for eye contact exists, wear chemical goggles.
Other Protective-Clothing or Equipment:	None
Work/Hygienic Practices:	Clean-up all spills immediately. Practice good personal hygiene.

Hazardous Materials Identification System Rating (HMIS)

Health	- 0
Fire	- 3
Reactivity	- 0
Personal Protection	- A (Safety Glasses)

NOTE:

The selection of personal protective equipment should be made by the material used based on the particular plant conditions where the material is to be used together with information contained in the product MSDS.

NE means Not Established

N/A means Not Applicable

IMPORTANT: Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

SECTION 4
FIRE AND EXPLOSION DATA

Flash Point	65°F
Method Used	Pensky-Martens Closed Cup
Flammable Limits in Air % By Volume	
LEL Lower	NE
UEL Upper	NE
Auto-ignition Temperature	NE
Extinguisher Media	Water spray, carbon dioxides, dry chemical or Alcohol-type foam
Special Fire Fighting Procedures	Use self-contained breathing apparatus and protective clothing
Unusual Fire and Explosion Hazards	May emit flammable vapors that are heavier than air. When mixed with air & ignition source is present, product may ignite.

SECTION 5
PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:	Normally stable
Conditions to Avoid:	Heat, sparks & flame
Incapability -	
Materials to Avoid:	Strong oxidizers
Hazardous -	
Decomposition Products:	Carbon Monoxide, Carbon dioxide
Hazardous Polymerization:	Does not occur

SECTION 6
HEALTH HAZARDS

<u>Symptoms/Effects of Overexposure:</u>	
<u>INHALATION:</u>	Inhalation of mist may cause respiratory irritation, coughing, shortness of breath, dizziness, drunkenness
SKIN:	Prolonged contact may cause mild skin irritation in sensitive individuals
EYE:	Contact may cause burning and irritation
<u>INGESTION:</u>	Ingestion of a large quantity may cause drowsiness and loss of consciousness. Stomach cramps, pain, nausea, vomiting and diarrhea may occur
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None known
<u>Emergency First Aid:</u>	
<u>INHALATION:</u>	Move victim to fresh air. Get medical help if irritation persists.
SKIN:	Wash affected area with large amounts of water. Get medical help if irritation persists.
EYES:	Immediately flush eyes with large amount of water for at least 15 minutes while holding the eye lids open. Get prompt medical attention.
<u>INGESTION:</u>	Contact local Poison Control Center or physician IMMEDIATELY.
<u>Routes of Entry:</u>	
Inhalation:	May occur
Eyes:	May occur
Skin:	May occur but unlikely
Ingestion:	May occur but unlikely
<u>Chemical Listed as Carcinogen or Potential Carcinogen:</u>	
National Toxicology Program:	No
I.A.R.C.:	No
OSHA:	No

NOTICE

This product does not require a Material Safety Data Sheet because it is a drug/cosmetic product intended for the personal consumption of employees while in the workplace. As such, OSHA regulations specifically exempt it from all requirements of the Hazard Communication Standard.

However, we recognize that compliance with the Hazard Communication Standard and assuring the safety of the customer's employees is of the greatest concern to our customers, and that some customers seek to go beyond what is legally required. Therefore this data sheet is provided in the interest of assuring that our customers are kept fully informed about our products and are able to fully communicate the proper procedures for the use of these products to their employees. In this spirit, we have included information about all major components defined as hazardous by OSHA (29 CFR Sec. 1910.1200) in the section marked "Hazardous Ingredients".

Form #409918