

**U.S. Department of Labor**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
GERM FREE HANDZ HAND SANITIZER

*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.*

**Section I**

Manufacturer's name  Germ Free Life LLC	Emergency Telephone Number  480-529-9264
868 S Arizona Ave #2003 Chandler AZ. 85225	Telephone Number for Information  480-529-9264
	Date Prepared January 7, 2013

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS NUMBER	OSHA PEL	ACGIH TLV	% (optional)
BENZALKONIUM CHLORIDE	8001-54-5	100 ppm	100 ppm	0.13%
ETHYL ALCOHOL	64-17-5	1000 ppm	1000 ppm	<20
WATER	NA	N/A	N/A	<5

**Section III—Physical/Chemical Characteristics**

Boiling Point	78-100 (°C)	Specific Gravity (H <sub>2</sub> O = 1)	0.9
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	1
Solubility in Water= SOLUBLE			
Appearance and Odor Clear Liquid Fresh and Clean Scent			

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) 120° F (WILL NOT PROPOGATE FLAME)	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards N/A			

**Section V—Reactivity Data**

Stability	Unstable	Conditions to Avoid
	Stable YES	N/A
Incompatibility (Materials to Avoid) OXIDIZING MATERIALS CAN CAUSE A REACTION, ANIONIC MATERIALS.		
Hazardous Decomposition or Byproducts NONE		
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur X	HEAT, FREEZING

---

**Section VI—Health Hazard Data**

---

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	NO UNTOWARD EFFECTS	NO UNTOWARD EFFECTS	MODERATELY TOXIC, CONTAINS DENATURED ALCOHOL, CANNOT BE MADE NON POISONOUS

---

Health Hazards (*Acute and Chronic*) NO UNTOWARD EFFECTS

---

Carcinogenicity N/A	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
---------------------	---------	---------------------	--------------------

---

Signs and Symptoms of Exposure UNKNOWN

---

Medical Conditions  
Generally Aggravated by Exposure UNKNOWN

---

INGESTION: IF SWALLOWED INDUCE VOMITING WHILE HOLDING HEAD BELOW HIPS; NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION  
SKIN: NO UNTOWARD EFFECTS  
INHALATION: NO UNTOWARD EFFECTS  
EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

---

---

**Section VII—Precautions for Safe Handling and Use**

---

Steps to Be Taken in Case Material Is Released or Spilled

---

WIPE, SOAK UP IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL. WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE EQUIPMENT SECTION.  
WARN OTHER WORKERS OF SPILL.

---

Waste Disposal Method

---

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

---

Precautions to Be Taken in Handling and Storing

---

STORE UPRIGHT IN A COOL PLACE (33-100°F)  
KEEP CONTAINER CLOSED WHEN NOT IN USE AVOID CONTACT WITH EYES

---

Other Precautions: NONE

---

---

**Section VII—Control Measures**

---

Respiratory Protection (*Specify Type*) NO SPECIAL REQUIREMENTS

---

Ventilation	Local Exhaust	LOCAL EXHAUST RECOMMENDED	Special	N/A
	Mechanical ( <i>General</i> )	N/A	Other	N/A

---

Protective Gloves	NOT REQUIRED	Eye Protection	SAFETY GLASSES; MONOGOGGLES
-------------------	--------------	----------------	-----------------------------

---

Other Protective Clothing or Equipment WEAR EYE PROTECTION

---

Work/Hygienic Practices N/A

---

Notice: The information herein is based on data considered to be accurate as of the date of preparation of this material safety data sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

---

