

**CERTIFICATE OF MANUFACTURE**  
**GERM-X HAND SANITIZER - PN028, Version F**

<b><u>INGREDIENTS</u></b>	<b><u>AMOUNT</u></b>	<b><u>REFERENCE</u></b>	<b><u>PURPOSE</u></b>
<b>ACTIVE INGREDIENT:</b>			
Ethyl Alcohol	54.5000%(62%Vol.)	CTFA	Antimicrobial
<b>OTHER INGREDIENTS:</b>			
Water	41.8155%	N/A	N/A
Isopropyl Alcohol	3.0000000%	CTFA	Solvent
Carbomer	0.2070000%	CTFA	Viscosity Builder
Tocopheryl Acetate	0.0100000%	CTFA	Conditioner
Glycerin	0.0800000%	CTFA	Humectant
Propylene Glycol	0.0800000%	CTFA	Solvent
Isopropyl Myristate	0.1500000%	CTFA	Emollient
Fragrance	0.1575000%	CTFA	Fragrance
Benzophenone - 4	0.0010000%	CTFA	Antioxidant
Diisopropylamine	0.0920000%	CTFA	pH adjuster

**APPEARANCE:** Clear Viscous Liquid

**METHOD OF PREPARATION:** Materials are blended together at certain temperatures with mixing in a suitable tank. Product is filled into plastic bottles.

**USAGE:** Sanitizer for hands, to help reduce bacteria on the skin.

**DIRECTIONS:** Put a dime size amount into the palm of your hands. Spread thoroughly by briskly rubbing hands together until dry.

**WARNINGS:** Flammable. Keep away from heat and flame. For external use only - hands. Keep out of eyes. In case of contact with eyes, flush thoroughly with water and contact a doctor. Avoid contact with broken skin. If skin irritation develops, discontinue use and contact a doctor. In case of accidental ingestion, seek professional assistance or contact a Poison Control Center immediately. Keep out of reach of children. For children under 6, use only under adult supervision. Not recommended for infants. Do not store above 105°F. May discolor some fabrics. Harmful to wood finishes and plastics.

**STORAGE/SHELF LIFE:** Product should be stored at 25 degrees Centigrade. Shelf life is 23 months.

**COMPOSITION:** All ingredients are listed as wt/wt %.

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 Geralyn Kras Wrinkle  
 Regulatory Affairs Manager

State of Missouri  
 St. Louis County  
 Sworn to before me this 26<sup>th</sup> day of June, 2006.

Margie Ann Wilson  
 County of St. Louis  
 My Commission Expires: 7-26-09



**CERTIFICATE OF MANUFACTURE**  
**GERM-X HAND SANITIZER WITH ALOE & VITAMIN E - PN 946**

<u>INGREDIENTS</u>	<u>AMOUNT</u>	<u>REFERENCE</u>	<u>PURPOSE</u>
<b>ACTIVE INGREDIENT:</b>			
Ethyl Alcohol	53.82%(62%Vol.	CTFA	Antimicrobial
<b>OTHER INGREDIENTS:</b>			
Water	42.4899107%	N/A	N/A
Isopropyl Alcohol	3.00000000%	CTFA	Solvent
Carbomer	0.21500000%	CTFA	Viscosity Builder
Aloe Barbadosensis Gel	0.02500000%	CTFA	Conditioner
Tocopheryl Acetate	0.01000000%	CTFA	Conditioner
Glycerin	0.17500000%	CTFA	Humectant
Propylene Glycol	0.04000000%	CTFA	Solvent
Isopropyl Myristate	0.07500000%	CTFA	Emollient
Fragrance	0.15000000%	CTFA	Fragrance
FD&C Yellow No. 5	0.00006300%	CTFA	Dye
FD&C Blue No. 1	0.00002630%	CTFA	Dye
Benzophenone - 4	0.00100000%	CTFA	Antioxidant
Diisopropylamine	0.11000000%	CTFA	pH adjuster

**APPEARANCE:** Clear Green Viscous Liquid

**METHOD OF PREPARATION:** Materials are blended together at certain temperatures with mixing in a suitable tank. Product is filled into plastic bottles.

**USAGE:** Sanitizer for hands, to help reduce bacteria on the skin.

**DIRECTIONS:** Put a dime size amount into the palm of your hands. Spread thoroughly by briskly rubbing hands together until dry.

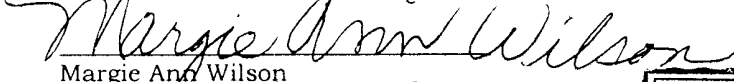
**WARNINGS:** Flammable. Keep away from heat and flame. For external use only - hands. Keep out of eyes. In case of contact with eyes, flush thoroughly with water and contact a doctor. Avoid contact with broken skin. If skin irritation develops, discontinue use and contact a doctor. In case of accidental ingestion, seek professional assistance or contact a Poison Control Center immediately. Keep out of reach of children. For children under 6, use only under adult supervision. Not recommended for infants. Do not store above 105°F. May discolor some fabrics. Harmful to wood finishes and plastics.

**STORAGE/SHELF LIFE:** Product should be stored at 25 degrees Centigrade. Shelf life is 23 months.

**COMPOSITION:** All ingredients are listed as wt/wt %.

  
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