



# VI-JON<sup>®</sup> Safety Data Sheet

for Health and Beauty Products

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Germ-X Antibacterial Wipes  
**Item Number:** 644AA  
**Recommended Use:** Antibacterial Wipes  
**Supplier Address:** Vi-Jon, Inc.  
8515 Page Avenue  
Saint Louis, MO 63114

**General Information Contact:** Phone: 314-427-1000 (M-F 8am-4pm CST)  
Email: info@vijon.com

**In Case of Spill Emergency Contact:** Chemtrec: 1-800-424-9300 (24-Hour)

## 2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

### CAUTION!

### Emergency Overview

The product contains no substances which at their given concentration are considered to be hazardous to health

**Appearance:** Clear, Colorless, Water thin liquid  
**Physical State:** Water thin liquid  
**Odor:** Apple

### Potential Health Effects

**Primary Routes of Exposure** Skin contact. Inhalation.

**Acute Toxicity**

- Eyes** May cause irritation.
- Skin** None known.
- Inhalation** May be harmful if inhaled in high concentrations.
- Ingestion** None known.

**Chronic Effects** None known.

**Aggravated Medical Conditions** None known.

**Environmental Hazard** See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Benzalkonium Chloride (0.13%)	8001-54-5	0-10
Water	7732-18-5	50-100
Polysorbate 20	9005-64-5	0-10
Glycerin	56-81-5	0-10
Phenoxyethanol	122-99-6	0-10
Aloe Barbadensis Leaf Juice	85507-69-3	0-10
Fragrance	Proprietary	0-10
Methylparaben	99-76-3	0-10
Tocopherol Acetate	10191-41-0	0-10
Tetrasodium EDTA	64-02-8	0-10
Disodium Cocoamphodiacetate	68650-39-5	0-10
Butylparaben	94-26-8	0-10
Citric Acid	77-92-9	0-10
Ethylparaben	120-47-8	0-10
Propylparaben	94-13-3	0-10

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Flash Point</b>	Not determined.
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Sensitivity to Static Discharge</b>	No.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>NFPA</b>	<b>Health Hazard 1</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards - None</b>
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### 6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

<b>Personal Precautions</b>	Use personal protective equipment. Avoid contact with eyes.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Damp up. Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Ensure adequate ventilation.

**Storage** Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR INDUSTRIAL SETTING**

**Exposure Guidelines** There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Engineering Measures** Showers  
 Eyewash stations  
 Ventilation systems

**Personal Protective Equipment**

**Eye/Face Protection** No special protective equipment required.  
**Skin and Body Protection** No special protective equipment required.  
**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear, Colorless, Water thin liquid	<b>Odor</b>	Apple
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Water thin liquid
<b>pH</b>	5.5	<b>Autoignition Temperature</b>	No information available
<b>Flash Point</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Melting Point/Range</b>	No information available	<b>Solubility</b>	No information available
<b>Flammability Limits in Air</b>	No information available	<b>Vapor Pressure</b>	No data available
<b>Water Solubility</b>	Miscible in water	<b>Partition Coefficient: n-octanol/water</b>	N/A
<b>Evaporation Rate</b>	No information available		
<b>Vapor Density</b>	No data available		

**10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING**

**Stability** Stable under recommended storage conditions.

**Incompatible Products** None known.

**Conditions to Avoid** None known.

When used in accordance with the directions.

**Hazardous Decomposition Products** Carbon oxides.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### 11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**Acute Toxicity** The product contains no substances which at their given concentration present an acute toxicity hazard.

**Chronic Toxicity**

**Chronic Toxicity** None known.

**Carcinogenicity** N/A

**Target Organ Effects** None known.

### 12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

### 13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations.

**California Hazardous Waste Codes** 134

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING**

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**International Inventories**

TSCA Exempt  
 DSL Not determined

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Phenoxyethanol	122-99-6	0-10	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard No  
 Chronic Health Hazard No  
 Fire Hazard No  
 Sudden Release of Pressure Hazard No  
 Reactive Hazard No

**Clean Water Act**

This product does not contain any ingredient which is a regulated pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following ingredient which is a listed hazardous air pollutant (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerin	56-81-5	0-10		Group II		
Phenoxyethanol	122-99-6	0-10	Present (includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except Ethylene glycol monobutyl ether [EGBE]. See 40 CFR 63.62 for Redefinition of glycol ethers listed as hazardous air pollutants and 40 CFR 63.63 fo	Group I		

**CERCLA**

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

**U.S. State Regulations**

**California Proposition 65 – None**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations For Industrial Setting**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Glycerin	X	X	X		X
Phenoxyethanol		X	X	X	X

**International Regulations**

Mexico - Grade No information available.

Chemical Name	Carcinogen Status	Exposure Limits
Glycerin		Mexico: TWA 10 mg/m <sup>3</sup>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Not subject to WHMIS classification  
Not regulated under CEPA

**16. OTHER INFORMATION**

**Prepared By** WERCS Professional Services, LLC  
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1-800-572-6501

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**Revision Date** None

**Revision Note** None

General Disclaimer

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Approved and Updated by Vi-Jon, Inc.

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**End of Safety Data Sheet**