

MATERIAL SAFETY DATA SHEET

GUARDIAN Antibacterial Hand Sanitizer

AAPER MSDS NUMBER: 108A/PG088

EFFECTIVE DATE: JULY 2007

AAPER Alcohol and Chemical Company
1101 Isaac Shelby Drive, P. O. Box 339
Shelbyville, Kentucky 40066-0339
Telephone: (502) 633-0650

For chemical emergency – spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300 day or night.
Outside the continental United States, call CHEMTREC at 1-703-527-3887 (collect calls accepted).

AAPER Alcohol and Chemical Company urges the customer receiving this Material Safety Data Sheet (MSDS) to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety, you should: (1) notify your employees, agents, and contractors of the information on this sheet, and (2) furnish a copy to each of your customers to inform their employees and customers as well.

Hazardous Shipping Label Information

Ground: <30 Kg. (66 lbs) – (DOT)=ORM-D (49CFR 173.150)

Air: <25 Kg. (55 lbs) – ATA Consumer Commodity

SECTION I – MATERIAL IDENTIFICATION AND INFORMATION

PRODUCT NAME: GUARDIAN Antibacterial Hand Sanitizer
SYNONYMS: Hand Sanitizer

<u>COMPOSITION</u>	<u>NOMINAL WT/WT%</u>	<u>PEL/TLV</u>
Specialty Denatured Alcohol 40-2/200%	65.0	1000
Proprietary Formula (2)	35.0	

SECTION II – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 173° F*
Melting Point: N/A
Vapor Pressure: N/A
Specific Gravity: (H₂O=1) 0.910+/-010@60° F (2)
Vapor Density (Air=1): 1.59 (1)
Solubility in Water: Complete
Appearance and Color: Sl. Turbidity/Aromatic **pH:** 5.5-6.5

SECTION III – FIRE AND EXPLOSION HAZARD DATA

Flash Point: 68° F/Tag OC (2)
Auto-Ignition Temperature: N/A
Flammable Limits in Air, % by Volume: **Lower:** N/A **Upper:** N/A
Extinguisher: Foam/CO₂/Dry Chemical/Water
Media Special Fire Fighting Procedure: Confine to immediate area/Use self-contained breathing gear.
Unusual Fire and Explosion Hazards: No

SECTION IV – Reactivity Hazard Data

Stability: Stable
Conditions to Avoid: None
Incompatibility (Materials to Avoid): Strong Oxidizing Agents
Hazardous Decomposition Products: None Known
Hazardous Polymerization: Will not Occur

SECTION V – HEALTH HAZARD DATA

Primary Routes of Entry: Ingestion
Carcinogens Listed In: Not
Listed Health Hazard:
Acute: None Known
Chronic: None
Signs and Symptoms of Exposure: None
Medical Conditions Generally Aggravated By Exposure: None Known
Emergency First Aid Procedures: Seek medical assistance for further treatment, observation and support if necessary.
Eye Contact: Flush with plain clear water. Call physician if irritation exists.
Skin Contact: Not required
Inhalation: N/A
Ingestion: Drink Fresh Water

SECTION VI – Control and Protective Measures

Solubility: Water
Respiratory Protection: None
Ventilation to be Used: Local Exhaust
Other Protective Clothing and Equipment: Not required
Hygienic Work Practices: Normal

SECTION VII – Precautions for Safe Handling and Use/Leak Procedures

Steps to be Taken if Material is Spilled or Released: Wash with water. Wipe up to prevent slipping.
Waste Disposal Methods: Per local refuse disposal.
Precautions to be taken in Handling and Storage: Store between 55-50° F
Special Hazards: Keep out of the reach of children.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must conduct testing and/or make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.