

MATERIAL SAFETY DATA SHEET

PETRA HYGIENIC SYSTEMS

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IDENTITY: ATHLETICARE WATERLESS HAND SANITIZER – AC 575-NF SANITIZER	COMMON NAME: HAND
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EMERGENCY ASSISTANCE: (800) 463-2516

DATE: JANUARY 5, 2010

**** THIS IS NOT A CONTROLLED PRODUCT****

1) HAZARDOUS COMPONENTS

(Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	%(Optional)
Dionized Water		N/A	N/A	
Denatured Ethyl Alcohol		N/A	N/A	70 % w/w
Carbomer		N/A	N/A	
Triethanolamine		N/A	N/A	
Polysorbate 20		N/A	N/A	N/A
EDTA		N/A	N/A	
Propylene Glycol		N/A	N/A	
Tocopheryl Acetate (Vitamin E)		N/A	N/A	
Aloe Vera Gel		N/A	N/A	

2) PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	180°F	Specific Gravity (H2O=1)	0.94 @ 25°C
Vapour Pressure	33 @ 68°F (MM HG)	Melting Point	127°F
Vapour Density	2.1 (Air=1)	Evaporating Rate (Butyl Acetate = 1)	1.4
Solubility In Water	Complete		
Appearance & Odour	Clear gel with characteristic odour.		

3) FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used) : N/A Flammable Limits L EL - N/A UEL – N/A

Extinguishing Media: Use water fog. "Alcohol" foam, dry chemical or CO2.

Special Fire Fighting Procedures: Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including helmet with shield, coats, gloves, boots & positive breathing apparatus.

Unusual Fire & Explosion Hazards: Containers exposed to intense heat should be cooled off with water to prevent vapour pressure build up, which could result in container rupture.

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4) REACTIVITY DATA

Stability: Stable X
 Unstable

Conditions to Avoid: Avoid heat, sparks, flame & contact with strong oxidising agents.

Incompatibility (Materials to Avoid): Do not store or handle in aluminium equipment at temperatures above 120°F.

Hazardous Decomposition or By-products: Carbon Monoxide & unidentified organic compounds may be formed in combustion.

Hazardous Polymerisation: May Occur
 Will Not Occur X

Conditions to Avoid: None

5) HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Minimal Skin? Yes Ingestion? Minimal

Health Hazards (Acute & Chronic): None known.

Carcinogenicity: NONE NTP? N/A IARC Monographs? OSHA Regulated? NO

Signs & Symptoms of Exposure: Eye & skin contact may cause irritation for some individuals. Ingestion may cause adverse health effects.

Medical Conditions (generally aggravated by exposure) N/A

Emergency & First Aid Procedures: Eyes: Flush with flowing water for at least 15 minutes & consult physician.

6) PRECAUTIONS FOR SAFE HANDLING & USE

Steps to Be Taken in Case Material is Released or Spilled: Observe local & federal regulations. Spills are slippery. Clean up immediately.

Handling & Storage: Store in cool, dry place away from heat & open flame or sparks.

Waste Disposal Method: Dilute with lots of water & flush down sanitary sewers or absorb with inert materials & dispose. Observe local & federal regulations.

Other Precautions: Do not handle in aluminium containers at temperatures above 120°.

7) CONTROL MEASURES

Respiratory Protection (Specify Type): N/A

Ventilation: Local Exhaust No Special: N/A

 Mechanical (General) No Other: N/A

Protective Gloves: None Eye Protection: None

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: None.

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