

MATERIAL SAFETY DATA SHEET						
SECTION 1 - PRODUCT SOURCE AND IDENTITY						
Supplier identity and address			Product description:		Date: April 12, 2007	
Aire-Master of America, Inc. P.O. Box 2310 1821 No. Highway CC Nixa, MO 65714			Name: Foaming Alcohol Sanitizer Purpose: Hand and body sanitizing Proprietary Formula Code: AMAI FAS			
Transportation emergency: 800-535-5053			Product information: 417-725-2691			
SECTION 2 - SHIPPING CLASSIFICATION						
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number						
Ethanol solutions, 3, UN1170, PG III ERG 127						
Labels required per 49 CFR 172.101:			Flammable			
Qualifies for "Limited quantity" per 49 CFR 173.150:			1 gal. max. in 66# max. container			
Reportable Quantity ("RQ") per 49 CFR 172.101:			None or not possible in one non-bulk package			
SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION						
Reporting required by Title III Sec 313, 40CFR 372, 29CFR 1910.1200				Exposure Limit Values		
CAS#	313	Material or Component	RQ#	TWA	STEL	
57-55-6	No	1, 2-Propylene glycol	None	50 ppm total	10 mg/m3 aerosol	
64-17-5	No	Ethanol	None	1000 ppm		
Contains aloe vera extract and other non regulated emollients.						
No component is listed in "Threshold Limit Values and Biological Exposure indices for 2007" from ACGIH except as as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.						
Emergency overview: A liquid blend of sanitizers intended for direct application to the skin. In case of adverse skin reaction, discontinue use immediately and wash thoroughly from the skin. Not to be taken internally. Follow up with medical advice as deemed appropriate.						
Hazard Categories:		Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate		Yes	Yes	No	No	
Delayed		No	XXX	XXX	XXX	
HMIS Hazard ratings: Health 2 Fire 3 Instability 0 Other NA						
NFPA 704 Hazard Ratings: Health 2 Flammability 3 Reactivity 0 Other NA						
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4						
Threshold limit value: Not established on product.			California Prop. 65: None			
TOSCA Status: All ingredients listed			CERCLA RQ: See Sec 2.			
Notice: HMIS and NFPA ratings involve the subjective evaluation of the hazardous aspects of individual components, and can differ between preparers. They are intended and useful only as a rapid, general identification of the approximate magnitude of the specific hazards rated.						
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES						
Appearance:	Clear, thin liquid			Flash point deg. F (cc):	<100F	
Odor:	Alcohol			Initial boiling point deg. C:	ND	
Specific gravity:	Approx. 0.9			Vapor pressure 20 deg C:	ND	
pH reaction:	6-8			Freezing point deg. C:	ND	
% phosphorous:	None			Solubility in water:	Complete	
VOC Content:	62%					
Reproductive implications: None if used as directed.			Ca Prop. 65: Ethanol, traces of acetaldehyde			
California Rule 102 (66): Contains no photo chemically active materials.						

SECTION 5: SAFE HANDLING AND STORAGE	
General	Product is a flammability hazard in handling or storage. Store in a cool, dry place away from ignition sources. Wipe up spills immediately. Ground equipment during liquid transfer.
Protective equipment	
Eyes	None normally required during intended use.
Skin	None. Over exposure during manufacturing may dry the skin.
Respiratory protection	None normally required. If risk of inhalation occurs during processing, use equipment according to OSHA/NIOSH guidelines for nuisance mists. Vapors may be intoxicating.
Ventilation	Adequate to meet exposure limits.
Other	Vapors may collect in low places, and may travel to ignition sources.
SECTION 6: HEALTH SAFETY DATA	
Effects of chronic over exposure	
Eyes	None. Avoid direct contact.
Skin	May cause skin reaction in rare instances.
Inhalation	Use self contained breathing apparatus in enclosed spaces.
Ingestion	Contains a bittering agent. Not a likely source of chronic exposure. Extended consumption of ethanol can lead to liver problems and birth defects.
SECTION 7: PHYSICAL STABILITY AND REACTIVITY DATA	
Explosive limits	Flash point: See Sec 4
Upper None	Lower None
Conditions to avoid:	Storage at high temperature.
Chemical stability	Stable
Hazardous decomposition products:	Oxides of carbon and trace quantities of other oxides formed if burned.
Incompatibility	None known
Hazardous polymerization	Cannot occur
SECTION 8: EMERGENCY RESPONSE PROCEDURES	
Fire	Extinguishing media
	Carbon dioxide or dry chemical for small fires.
	Special procedures
	Use all purpose foam for large fires. Cool drums with water to cool them. Do not walk through the spill.
	Unusual hazards
	None
First Aid	Eyes
	Flush with water for at least 15 min. Seek medical attention. See Sec. 6.
	Skin
	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation
	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort. Intoxication symptoms are possible.
	Ingestion
	Intoxication or alcohol poisoning is possible. attention immediately in case of discomfort. Do not induce vomiting.
Spills	Small / large spill
	Remove or squelch all sources of ignition. Remove unnecessary people from the spill area. Absorb with absorbent material or mop up for later disposal. Do not walk through the spill. Comply with federal, state and local regulations on reporting spills.
Product as made has the characteristic of ignitability, like " Unlisted Hazardous Waste D001", RQ 100#.	
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