RECEIVED SEP 2 1 2012



Buckeye International, Inc.

2700 Wagner Place Maryland Heights, MO 63043 314/291-1900 N. F. P. A.

4 = Extreme

3 = High

2 = Moderate 1 = Slight

0 = Insignificant

HEALTH 0

FLAMMABILITY 0

INSTABILITY 0

Material Safety Data Sheet

24 Hour Medical Emergency Telephone Number: 1-800-303-0441. Outside North America call: 651-632-8956.
24 Hour Transportation Emergency Telephone Number: 1-800-535-5053. Outside North America call: 352-323-3500.

	FICATION			DATE PREPARED
RODUCT NAME	NON ALCOHOL FOAMING	HAND S	ANITIZER	March 15, 2012
	NON ALCOHOL PORMING			CODE
HEMICAL FAMILY	1.0			9015
	and Sanitizer			
ROPER D.O.T.				
A STATE OF THE PARTY OF THE PAR	oilet Preparations		,	
O.O.T. HAZARD				
LASSIFICATION No	one	TODA (TION	
ECTION II - INGRE	DIENTS AND IDENTITY I	NFORMA	TION	C.A.S. NO.
0 D) 11 V -	MATERIAL	PEL	T.L.V.	68424-85-1
0.12 Benzalkonium Chl	oride	NE NE	NE NE	7732-18-5
>96.76 Distilled Water		NE NE	NE NE	Blend
<3.0 Perfume and Addit	tives less than 1%	INE	142	
		3		
TTO AC MARKED & ARE SAR	A TITLE III SEC 313 REPORTABLES	. ALL INGR	EDIENTS ARE ON	TSCA INVENTORY.
ITEMS MARKED * ARE SAR	RA TITLE III SEC 313 REPORTABLES	. ALL INGR	EDIENTS ARE ON	TSCA INVENTORY.
SECTION III - PHYS	ICAL DATA			7.8 ± 0.5
SECTION III - PHYS	ICAL DATA 212° F	pH (CONC.)		
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER	212° F Miscible	pH (CONC.) pH (USE DI		7.8 ± 0.5
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT	212° F Miscible >95.0	pH (CONC.) pH (USE DI	LUTION) RTU ON RATE (WATER = 1)	7.8 ± 0.5 7.8 ± 0.5
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER VOLATILE BY WEIGHT SPECIFIC GRAVITY	212° F Miscible >95.0 1.00	pH (CONC.) pH (USE DI EVAPORATION PRODUCT	LUTION) RTU ON RATE (WATER = 1)	$7.8 \pm 0.5 \\ 7.8 \pm 0.5 \\ 1.0$
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR	212° F Miscible >95.0 1.00 Clear solution, Fruity floral	pH (CONC.) pH (USE DI EVAPORATION PRODUCT	LUTION) RTU ON RATE (WATER = 1) FORM	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE	212° F Miscible >95.0 1.00 Clear solution, Fruity floral s	pH (CONC.) pH (USE DI EVAPORATION PRODUCT	LUTION) RTU ON RATE (WATER = 1)	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method)	212° F Miscible >95.0 1.00 Clear solution, Fruity floral AND EXPLOSION DATA None Tagged Closed Cup	pH (CONC.) pH (USE DI EVAPORATION PRODUCT	LUTION) RTU ON RATE (WATER =1) FORM FLAMMABI	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA	212° F Miscible >95.0 1.00 Clear solution, Fruity floral AND EXPLOSION DATA None Tagged Closed Cup NA	pH (CONC.) pH (USE DI) EVAPORATIO PRODUCT	LUTION) RTU ON RATE (WATER =1) FORM FLAMMABI	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method)	212° F Miscible >95.0 1.00 Clear solution, Fruity floral AND EXPLOSION DATA None Tagged Closed Cup NA OCEDURES N	pH (CONC.) pH (USE DI) EVAPORATIO PRODUCT Tragrance UPPER LIM	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI MIT: NA	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PR	212° F Miscible >95.0 1.00 Clear solution, Fruity floral f	pH (CONC.) pH (USE DI EVAPORATION PRODUCT Tragrance UPPER LIM One	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI MIT: NA mbustion	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA	212° F Miscible >95.0 1.00 Clear solution, Fruity floral f	pH (CONC.) pH (USE DI) EVAPORATIO PRODUCT Tragrance UPPER LIM	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI MIT: NA mbustion	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PR UNUSUAL FIRE AND EXPLO	212° F Miscible >95.0 1.00	pH (CONC.) pH (USE DI EVAPORATION PRODUCT Tragrance UPPER LIM One	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI MIT: NA mbustion	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
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SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PR UNUSUAL FIRE AND EXPLO SECTION V - REAC STABILITY	212° F Miscible >95.0 1.00	pH (CONC.) pH (USE DI EVAPORATION PRODUCT Tragrance UPPER LIM One	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI MIT: NA mbustion	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PR UNUSUAL FIRE AND EXPLO SECTION V - REAC STABILITY CONDITIONS TO AVOID	212° F Miscible >95.0 1.00 Clear solution, Fruity floral of the second s	pH (CONC.) pH (USE DI) EVAPORATION PRODUCT Tragrance UPPER LIM one roducts of co- xides of carb	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI MIT: NA mbustion	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS
SECTION III - PHYS BOILING POINT °F SOLUBILITY IN WATER % VOLATILE BY WEIGHT SPECIFIC GRAVITY APPEARANCE AND ODOR SECTION IV - FIRE FLASH POINT (Test Method) EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PR UNUSUAL FIRE AND EXPLO SECTION V - REAC STABILITY	212° F Miscible >95.0 1.00 Clear solution, Fruity floral AND EXPLOSION DATA None - Tagged Closed Cup NA OCEDURES NO OCTIVITY DATA Stable None known. Do not mix with chlorine bl	pH (CONC.) pH (USE DI) EVAPORATION PRODUCT Tragrance UPPER LIM one roducts of co- xides of carb	LUTION) RTU ON RATE (WATER = 1) FORM FLAMMABI AIT: NA mbustion	7.8 ± 0.5 7.8 ± 0.5 1.0 Liquid E LIMITS

SYMMETRY NON ALCOHOL FOAMING HAND SANITIZER CODE: 9015 SECTION VI - HEALTH HAZARD DATA INHALATION? NO INGESTION? NO SKIN? YES ROUTE(S) OF ENTRY: HEALTH HAZARDS (Acute and Chronic) May cause eye irritation. OSHA REGULATED? No IARC MONOGRAPHS? CARCINOGENICITY: NTP? No SIGNS AND SYMPTOMS OF OVEREXPOSURE Eyes: Redness or burning sensation. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None known. EMERGENCY AND FIRST AID PROCEDURES For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician. For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician. Never give anything by mouth to an unconscious person. SECTION VII - SPILL OR LEAK PROCEDURES SPILL RESPONSE Will cause slippery surfaces. Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic. WASTE DISPOSAL Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws. METHOD SECTION VIII - SPECIAL PROTECTION INFORMATION VENTILATION EYE PROTECTION Normal room ventilation. None required. RESPIRATORY SKIN None required. PROTECTION None required. PROTECTION OTHER Follow good personal hygiene practices. PROTECTION SECTION IX - SPECIAL PRECAUTIONS KEEP OUT OF REACH OF CHILDREN! PRECAUTIONS IN Keep container closed when not in use. HANDLING AND STORAGE Avoid freezing conditions. Store at room temperature. This product is not regulated under CERCLA or RCRA. OTHER Not reportable under SARA Title III, Section 311/312. **PRECAUTIONS** Complies with current FDA regulations for cosmetic and/or over-the-counter drug products. NA = Not Applicable NE = Not Established Scott Maag, Vice President of Operations PREPARED BY: Disclaimer of Liability As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174, Sept 1985.