



MATERIAL SAFETY DATA SHEET

(Essentially Similar to Form OSHA-174 / 29 CFR 1910-1200)

PRODUCT NAME **InstantFOAM™ non-alcohol hand sanitizer**
FORMULA 56111
HMIS RATING HEALTH = 0 FIRE = 0 REACTIVITY = 0 (Scale 0-4, where 4 = severe hazard)

SECTION I – MANUFACTURER INFORMATION

MANUFACTURED BY	DEB SBS, Inc. 1100 Highway 27 South Stanley, NC 28164	EMERGENCY CONTACT	Chemtrec 800-424-9300 (24 hour)
PHONE NUMBER	704-263-4240	PREPARED BY	Chemist
		REVISION DATE	May 4, 2009
REASON FOR CHANGE	Added Citric Acid to formulation as a pH buffer.		

SECTION II – INGREDIENTS

This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard. All product ingredients are listed below.

<u>ACTIVE INGREDIENT</u>	<u>CAS NUMBER</u>	<u>WEIGHT, %</u>
Benzalkonium Chloride	68424-85-1	0.24

INACTIVE INGREDIENTS

Water	7732-18-5
Propylene Glycol	57-55-6
Aloe Barbadensis Leaf Juice	8001-97-6
Cocamidopropyl Betaine	61789-40-0
Lauramine Oxide	1643-20-5
Tetrasodium EDTA	64-02-8
Fragrance	NA
Citric Acid	77-92-9
Methylchloroisothiazolinone	26172-55-4
Methylisothiazolinone	2682-20-4
FD&C Blue No. 1	3844-45-9
D&C Red No. 33	3567-66-6

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	212°F	SPECIFIC GRAVITY (H ₂ O = 1)	1.003
VAPOR PRESSURE (mmHg)	NA	MELTING POINT	NA
VAPOR DENSITY (Air = 1)	NA	EVAPORATION RATE (Butyl Acetate = 1)	NA
SOLUBILITY IN WATER	Complete	pH	6.5-7.5
APPEARANCE & ODOR	Thin, purple liquid with a pleasant odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	Non-flammable
FLAMMABLE LIMITS	LEL: NA UEL: NA
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, water spray (fog) or regular foam
SPECIAL FIRE FIGHTING PROCEDURES	Blanket fire with extinguishing medium. Water or foam may cause frothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Undetermined

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SECTION V - REACTIVITY DATA

STABILITY	Unstable Stable	Conditions to Avoid:	None known
	X		
INCOMPATIBILITY	Oxidizing agents		
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	None known		
HAZARDOUS POLYMERIZATION	May Occur Will not Occur	Conditions to Avoid:	None known
	X		

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY	Ingestion only by accidental or intentional misuse
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HEALTH HAZARDS

Skin:	Excessive exposure may cause irritation or dryness.
Eyes:	May cause temporary irritation.
Ingestion:	In large quantity, may result in vomiting or diarrhea.

EMERGENCY AND FIRST AID PROCEDURES

Skin:	Rinse affected area with water. Consult with a physician if irritation persists.
Eyes:	Immediately flush eyes with clean water for at least 15 minutes or until irritation subsides. Consult with a physician if pain or irritation persists.
Ingestion:	Do not induce vomiting. Drink large amount of water and consult with a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL	Apply absorbent material and place in covered containers for disposal.
WASTE DISPOSAL METHOD	Dispose in accordance with state, local and federal regulations.
PRECAUTIONS FOR HANDLING AND STORAGE	Store at room temperature. Avoid contact with incompatible materials, and excessive heat and cold.

SECTION VIII - CONTROL MEASURES

SPECIAL RESPIRATORY PROTECTION	None required
SPECIAL SKIN PROTECTION	None required
SPECIAL EYE PROTECTION	None required

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, DEB SBS, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon, and responsibility for improper application or misuse of product in any manner whatsoever. Final determination of suitability of any material is the sole responsibility of the user.