

CM 3016; CM 3612; CM 3616



## MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME InstantFOAM™ alcohol hand sanitizer  
FORMULA AFS6510FCi  
HMIS RATING HEALTH = 0 FIRE = 3 REACTIVITY = 0 (Scale 0-4, where 4 = severe hazard)

### SECTION I - MANUFACTURER INFORMATION

MANUFACTURED BY DEB FOR	DEB SBS, Inc. 1100 Highway 27 South Stanley, NC 28164	EMERGENCY CONTACT	Chemtec 800-424-9300 (24 hour)
PHONE NUMBER	704-263-4240	PREPARED BY	Sandra N. Porter
		REVISION DATE	July 2, 2009

REASON FOR CHANGE Fire=3 (HMIS)

### 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.

ACTIVE INGREDIENT	CAS NUMBER	FORMULA %
Ethyl Alcohol	64-17-5	72 (by volume)
<b>INACTIVE INGREDIENTS</b>		
Water	7732-18-5	
n-Propanol	71-23-8	
Coco-Glucoside	141464-42-8	
Glyceryl Oleate	58424-51-3	
PEG-7 Glyceryl Cocoate	68201-46-7	
PEG-200 Hydrogenated Glyceryl Palmitate	67784-88-7	
Dihydroxypropyl PEG-5 Linoleaminium Chloride	168677-75-6	
Behentrimonium Chloride	17301-53-0	
Bis-PEG-12 Dimethicone	102783-01-7	

Data marked with asterisk (\*) in section III below refer to the properties of Ethyl Alcohol

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	NA	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.80
VAPOR PRESSURE (mmHg)	ND	MELTING POINT	NA
VAPOR DENSITY (Air = 1)	ND	EVAPORATION RATE (Butyl Acetate = 1)	1.4 *
SOLUBILITY IN WATER	Complete	pH	NA
APPEARANCE & ODOR	Clear to slightly opaque liquid with an alcohol odor		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	72°F (ASTM D-1310 open cup)
FLAMMABLE LIMITS	LEL: ND UEL: ND
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, water spray (fog) or alcohol foam
SPECIAL FIRE FIGHTING PROCEDURES	Blanket fire with extinguishing medium.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Undetermined