### HF-450 SALT WATER FOAMER

0	<b>HMIS</b>	HEALTH

- 3 HMIS FLAMMABILITY
- 0 HMIS REACTIVITY
- B HMIS PERSONAL PROTECTION

	CEC	TION I INENTIFICATION	
COMPANY NAME	B.B. CHE 432-381-2 800-424-9 May 2002 HF-450 Foamer (A	nionic)	, TEXAS 79763
	SECTION	II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	%	TLV (Units)	PROD. CAS#
Isopropyl Alcohol	3-5%	OSHA TWA 400 ppm ACGIH TWA 400 ppm ACGIH STEL 500 ppm	67-63-0
Ethytane Glycol	10-12%	ACGIH C 50 ppm	111-76-2
	SEC	TION III - PHYSICAL DATA	
BOILING Point(F) FREEZING POINT (F) VAPOR PRESSURE (mm Hg) VAPOR DENSITY (Air=1) VOLATILITY/VOL(%) SOLUBILITY IN H20 APPEARANCE/ODOR SPECIFIC GRAVITY (H20=1) DENSITY (G/ML) PH	NDNDNDSolubleColorless t1.0464# / 55 g	•	
	SECTION IV -	FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	NDNDAlcohol FoFlammable surfaces to	am, Dry Powder, Carbon Dioxide (CO2). Use water liquid. Vapors can form an ignitable mixture with a a distant ignition source and flash back. Material ca ntainers may explode from internal pressure if confin	ir. Vapors can flow along in burn with little or no visible

Keep unnecessary people away.

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	SECTION V	- HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	E25 ppm Based o	on Ethylene Glycol Monobutyl Ether	
ROUTES OF ENTRY	INHALATION? Unknown	SKIN? Irritant	INGESTION? Irritant
HEALTH HAZARDS		g to skin and eyes. Chronic, Kidney ared with birth defects and mutagenic cla	nd liver damage possible. Glycol ethers aims.
CARCINOGENICITY No	NTP? No	IARC MONOGRAPH No	OSHA REGULATED No
	In case of eye c medical attentic If irritation pers artificial repirat attention. If sw	contact, immediately flush eyes with plon. In case of skin contact immediatel sists, contact a physician. If inhaled, retion, preferably mouth-to-mouth. If b	reathing difficult, give oxygen. Get medical diget IMMEDIATE medical attention. If
	SECTION	VI - REACTIVITY DATA	
DECOMPOSITION PRODUC			
<del></del>	SECTION VII -	- SPILL OR LEAK PROCEDURE	
	regulations.	ge, absorb with inert material and dispete. Follow Federal and State Regulation	pose of in accordance with applicable
	SECTION V	III - SPECIAL PROTECTION	
VENTILATION	Desired in close	ed places	

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SECTION IX - SPECIAL HANDLING AND DOT		
HANDLING AND STORAGE	Store in a cool place away from ignition sources. Store away from oxidizers or materials bearing a yellow DOT label.	
	Keep away form heat, sparks and flame. Use with adequate ventilation. Do not breate vapors avoid prolonged or repeated contact with skin. Do not breathe vapors. Avoid prolonged or repeated contact with skin.	
HAZARD CLASS		
DOT SHIPPING NAME	Combustible Liquid, n.o.s., NA1993, PGIII (contains Isopropyl Alcohol, Ethylene Glycol)RQ440 gal.	
REPORTABLE QUANTITY (RQ)		
UN NUMBER	None	
NA #		
PACKAGING SIZE		
FOOT NOTES	N/A=NOT APPLICABLE - N/D=NO DATA AVAILABLE <=LESS THAN - >=GREATER THAN	
PRF RED BYRE\ DATE	B.B. CHEMICALS, INC. (432) 381-2595 May 2002	

This product health and safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein is based on data available to us, and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this repect. Since the use of this product is within the exclusive control of the user, it is the user's reponsibility to determine the conditions of safe use. Such conditions must comply with all governmental regulations. all material in this product are produced in compliance with public law 94-469. (Also know as the "Toxic Substance Control Act" of 1976). MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS. ALL MATERIALS IN THIS PRODUCT ARE PRODUCED IN COMPLIANCE WITH PUBLIC LAW 94-469. (ALSO KNOWN AS THE "TOXIC SUBSTANCE CONTROL ACT" OF 1976).

### HF-450 SALT WATER FOAMER

TRADE NAME	. HF-450
SIGNAL WORD	. CAUTION!
STATEMENT OF HAZARD	. Combustible
DOT LABEL REQUIRED	NOT REGULATED in containers of 119 gallons or less

# HF-450 SALT WATER FOAMER

# ENVIRONMENTAL DATA SHEET

	SECTION I - IDENTIFICATION	
COMPANY NAME B PHONE NUMBER 4 EMERGENCY PHONE NUMBER 8 EFFECTIVE DATE NAME H CHEMICAL FAMILY F	32-381-2595 00-424-9300 1ay 2002 IF-450	TY, ODESSA, TEXAS 79763
under SARA Title III, Section 313. This page	R 372.45, this product contains the following main a part of the Material Safety Data Sheet descriptions of the Material Safety Data Sheet after January 1,	ibing the above named product and shall not be
SE	CTION XI - SARA TITLE III, SECTION 3	13
TOXIC CHEMICALS	%	PROD. CAS#
Ethvlene Glycol	10-12%	111-76-2
	SECTION X - ENVIRONMENTAL DATA	
EPA HAZARD		
CERCLA RQ VALUE10	000# based on Ethylene Glycol	
SARA TPQ		
RCRA HAZARDOUS WASTE	ONE	
CLEAN AIR		