



MATERIAL SAFETY DATA SHEET / page 1

ANTI-MICROBE DIN#02248351

HAZARD RATING
HAZARD CODE



4- SEVERE
3- SERIOUS
2- MODERATE
1- SLIGHT
0- MINIMAL

FIRE HAZARD (0)
HEALTH HAZARD (0)
REACTIVITY (0)
PERSONAL PROTECTION (0)

SECTION I: PRODUCT IDENTIFICATION			
TRADE NAME AND SYNONYMS	CHEMICAL FORMULA	MATERIAL USE	
ANTI-MICROBE	Proprietary	Liquid hand disinfectant	
SECTION II: HAZARDOUS INGREDIENTS OF MATERIAL			
HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION (%)	CAS. NA OR UN NUMBERS	LD ₅₀ (SPECIFY SPECIES & ROUTE)
Benzalkonium chloride	0.15 – 0.30	CAS No: 8001-54-5	N/AV
The other ingredients are not hazardous.			
SECTION III: PHYSICAL DATA OF MATERIAL			
PHYSICAL STATE	pH (as is)	ODOUR AND APPEARANCE	
Liquid	7.00±1.00	Mild – Colorless	
% VOLATILE (BY VOL.)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	VAPOUR DENSITY (AIR-1)
N/AV	1.000±0.050	N/AV	N/AV
EVAPORATION RATE	BOILING POINT (°C)	FREEZING POINT (°C)	SOLUBILITY IN WATER (20°C)
N/AV	N/AV	N/AV	Complete
N/A = Not Applicable		N/AV = Not Available	
SECTION IV: FIRE AND EXPLOSION HAZARD			
MEANS OF EXTINCTION Vaporised water, foam of carbon dioxide. HAZARDOUS COMBUSTION PRODUCTS CO, CO ₂ products of combustion. SPECIAL PROCEDURES N/A		FLAMMABILITY NO IF YES UNDER WHAT CONDITIONS? N/A FLASH POINT (°C) AND METHOD N/A UPPER EXPLOSION LIMIT (% BY VOLUME) N/A LOWER EXPLOSION LIMIT (% BY VOLUME) N/A	



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SECTION V: REACTIVITY DATA		
CHEMICAL STABILITY YES IF NO, UNDER WHAT CONDITIONS? N/A INCOMPATIBILITY TO OTHER SUBSTANCES YES IF SO, WHICH ONES? Strong oxydizers, reducing agents, acids and alkalines agents.	REACTIVITY AND UNDER WHAT CONDITIONS? When in contact with strong oxydizers, reducing agents, acids and alkalines agents. HAZARDOUS DECOMPOSITION PRODUCTS CO, CO ₂ .	
SECTION VI: TOXICOLOGICAL PROPERTIES		
ROUTE OF ENTRY Eye contact Ingestion EFFECTS OF ACUTE EXPOSURE TO MATERIAL EYES: May causes irritation. INGESTION : May causes irritation, abdominal pain, diarrhea.	EXPOSURE LIMITS N.AV. CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY None	
SECTION VII: PREVENTIVE MESURES		
PERSONAL PROTECTIVE EQUIPMENT GLOVES (SPECIFY) None EYES (SPECIFY) None RESPIRATORY (SPECIFY) None OTHER (SPECIFY) None	ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS SPECIFY) N/A LEAKS AND SPILLS PROCEDURE Wash away with water. WASTE DISPOSAL Neutralize and then dispose according to local laws. HANDLING PROCEDURES AND EQUIPMENT N/A STORAGE REQUIREMENTS Steel or plastic. Store at 20°C to 30°C. Keep lid closed. SPECIAL SHIPPING INFORMATION Shipping temperature has to be between 20°C and 30°C.	
SECTION VIII: FIRST AID MEASURES		
EYES: Flush eyes with abundant water for 15 minutes. If irritation persists, seek medical attention. INGESTION : Drink 3-4 glasses of water, do not induce vomiting. Consult physician.		
SECTION IX: EMERGENCY NUMBER		
PREPARED BY	PHONE NUMBER	DATE
Technical Department	Tel: 514-745-2597	May 6, 2011
SECTION X: W.H.M.I.S. Classe(s) : D 2 B		
SHIPPING :	Not Regulated	