

MATERIAL SAFETY DATA SHEET / page 1

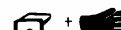
ATO QUAT DIN#02243658

HAZARD RATING
HAZARD CODE



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

FIRE HAZARD (0)
HEALTH HAZARD (1)
REACTIVITY (0)
PERSONAL PROTECTION (R)



SECTION I: PRODUCT IDENTIFICATION

TRADE NAME AND SYNONYMS	CHEMICAL FORMULA	MATERIAL USE
ATO QUAT	Proprietary	Disinfectant

SECTION II: HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION (%)	CAS. NA OR UN NUMBERS	LD ₅₀ (SPECIFY SPECIES & ROUTE)
N-Alkyl Dimethyl Benzyl Ammonium Chloride	10%	N/AV	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	Pleasant - Clear	
% 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	FLAMMABILITY
Vaporised water, foam of carbon dioxide.	NO
HAZARDOUS COMBUSTION PRODUCTS	IF YES UNDER WHAT CONDITIONS? N/A
CO, CO ₂ products of combustion.	FLASH POINT (°C) AND METHOD N/A
SPECIAL PROCEDURES N/A	UPPER EXPLOSION LIMIT (% BY VOLUME) N/A
	LOWER EXPLOSION LIMIT (% BY VOLUME) N/A

MATERIAL SAFETY DATA SHEET / page 2

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 Skin contact Eye contact Ingestion EFFECTS OF ACUTE EXPOSURE TO MATERIAL SKIN : Causes severe irritation. EYES: Causes severe irritation. INGESTION : May causes irritation, abdominal pain, diarrhea.	EXPOSURE LIMITS N.A.V. CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY None	
SECTION VII: PREVENTIVE MESURES		
PERSONAL PROTECTIVE EQUIPMENT GLOVES (SPECIFY) Rubber EYES (SPECIFY) Safety goggles 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		
SKIN: Flush skin with abundant water for 15 minutes. If irritation persists, seek medical attention. 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	March 25, 2005
SECTION X: W.H.M.I.S. Classe(s) : D 2 B		
SHIPPING :	Not Regulated	