

PRODUCT IDENTIFIER: **CLEANER AND DISINFECTANT OR ULTRA Q-128**

SECTION 6 –TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

PROLONGED EXPOSURE CAUSES IRRITATION TO SKIN AND MEMBRANES

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

EYE AND SKIN IRRITATION

EXPOSURE LIMITS: SKIN IRRITATION	IRRITANCY OF PRODUCT: CONTACT WITH EYES/SKIN	SENSITIZATION TO PRODUCT: 2% SOLUTION NOT SKIN SENSITIVE	CARCINOGENICITY: NO
TERATOGENICITY: N/AV	REPRODUCTIVE TOXICITY: N/AV	MUTAGENICITY: N/AV	SYNERGISTIC PRODUCTS: N/AV

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES (SPECIFY): NEOPRENE OR RUBBER	RESPIRATOR (SPECIFY): NOT NORMALLY REQUIRED	EYE (SPECIFY): CHEMICAL SPLASH GOGGLES
FOOTWEAR (SPECIFY): RUBBER	CLOTHING (SPECIFY): IMPERVIOUS PROTECTIVE CLOTHING	OTHER (SPECIFY): NONE

ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):

VENTILATE ADEQUATELY

LEAK AND SPILL PROCEDURE:

SOAK UP WITH ABSORBENT MATERIAL AND PUT IN DRUMS. FLUSH RESIDUE WITH WATER.

WASTE DISPOSAL:

ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REQUIREMENTS.

HANDLING PROCEDURES AND EQUIPMENT:

AVOID SKIN CONTACT. AVOID BREATHING VAPORS.

STORAGE REQUIREMENTS:

KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION:

NORMAL PROCEDURES. KEEP FROM FREEZING.

TDG. UN NUMBER

N/AP

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES:

CONTACT WITH EYES: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION, IMMEDIATELY.

CONTACT WITH SKIN: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION, IMMEDIATELY. Remove and wash all contaminated clothing.

INGESTION: DRINK A MILK - EGG WHITE – GELATIN SOLUTION; IF NOT AVAILABLE, DRINK COPIOUS QUANTITIES OF WATER. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY: ULTRA CHEM INDUSTRIES LTD. DIRECTOR TECHNICAL SERVICES	PHONE NUMBER: (604) 946-8357	DATE: JUNE 05
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MATERIAL SAFETY DATA SHEET

Abbreviations used on this Material Safety Data Sheet:

N/av. = Not available, N/ap. = Not applicable, ppm = parts per million, TLV = Threshold Limit Value.

NFPA Hazard Rating: 4 - Extreme, 3 - High, 2 - Moderate, 1- Slight, 0- None, X - Blank

WHMIS HAZARD: SLIGHT

NFPA HAZARD RATING: NONE

HEALTH - 1, FLAMMABILITY - 0 , REACTIVITY - 1

SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER:	ULTRA Q-128			
PRODUCT USE:	CLEANER DISINFECTANT; HOSPITAL GRADE			
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.		SUPPLIERS NAME:	
STREET ADDRESS:	#1-7107 VENTURE STREET		STREET ADDRESS	
CITY:	DELTA	PROVINCE/STATE:	B.C.	CITY:
POSTAL CODE:	V4G 1H7	EMERGENCY TELEPHONE:	1-800-535-5053	POSTAL CODE:
				EMERGENCY TELEPHONE:

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LETHAL DOSE (50%) OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LETHAL CONCENTRATION (50%) OF INGREDIENT (SPECIFY SPECIES AND ROUTE)
n-Alkyl dimethyl benzyl ammonium chlorides (BTC 2125 M)(1839-83)	4.5	68391-01-5	N/AV	7000 mg/kg (Oral,Rat)
n-Alkyl dimethyl ethylbenzyl ammonium chlorides (BTC 2125M)(1839-83)	4.5	68956-79-6	250 mg/kg oral, Rat)	7000mg/kg(Oral,Rat)
Sodium carbonate	0.5	497-19-8	2800 mg/kg (Oral, Rat)	N/AV
Tetrasodium salt of ethylene diaminetetraacetic acid	5	64-02-8	N/AV	N/AV
C9-C11 Linear primary alcohol ethoxyate	1-5	68439-46-3	1400 mg/kg (Oral, Rat)	N/AV

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	LIQUID	ODOUR AND APPEARANCE:	CLEAR GREEN LIQUID / SOLUTION		THRESHOLD ODOUR (ppm):	N/AP		
VAPOUR PRESSURE:	5.87 Kpa (mm Hg)	VAPOUR DENSITY: (Air = 1)	1.6	EVAPORATION RATE:(n-Butyl acetate = 1)	1.7	BOILING POINT:	100°C	
pH:	8.3	SPECIFIC GRAVITY: (Water = 1)	1.04	COEFFICIENT OF WATER/OIL DISTRIBUTION:	WATER SOLUBLE		FREEZING POINT:	-2° C

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS?	YES NO X		
MEANS OF EXTINCTION:	AS FOR SURROUNDING FIRE		
SPECIAL PROCEDURES:	NORMAL FIRE FIGHTING PROCEDURES		
FLASHPOINT AND METHOD:	NONE	UPPER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AV
AUTOIGNITION TEMPERATURE:	NONE	HAZARDOUS COMBUSTION PRODUCTS:	NONE
EXPLOSION DATA:	N/AP	SENSITIVITY TO STATIC DISCHARGE:	N/AP
SENSITIVITY TO IMPACT:			

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS?	YES X NO
INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?	STRONG OXIDIZING AGENTS, SOAPS, ANIONIC SURFACTANTS
REACTIVITY, AND UNDER WHAT CONDITIONS?	NOT KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS:	WILL NOT OCCUR