

PRODUCT IDENTIFIER: **ULTRACIDE 2300**

SECTION 6 –TOXICOLOGICAL PROPERTIES

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

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. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION, IMMEDIATELY.

CONTACT WITH SKIN: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION, IMMEDIATELY.

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
---	---------------------------------	------------------

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:	ULTRACIDE 2300, CLEANER AN DISINFECTANT				
PRODUCT USE:	READY TO USE HOSPITAL GRADE CLEANER DISINFECTANT				
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.		SUPPLIER'S NAME:		
STREET ADDRESS:	#1-7107 VENTURE STREET		STREET ADDRESS		
CITY:	DELTA	PROVINCE/STATE:	B.C.	CITY:	PROVINCE:
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 2125M)(1839-83)	0.105	68391-01-5	N/AV	7000mg/kg (Oral, Rat)
n-Alkyl dimethyl ethylbenzyl ammonium chlorides (BTC 2125M)(1839-83)	0.105	68956-79-6	250mg/kg (Oral, rat)	7000mg/kg (Oral, Rat)
Diethylene glycol monomethyl ether	8	111-90-0	6500 mg/kg (Oral, Rat)	N/AV
Sodium metasilicate, pentahydrate	0.2	6834-92-0	800 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
pH:	11.7	SPECIFIC GRAVITY: (Water = 1)	1.04	BOILING POINT:	100°C
		COEFFICIENT OF WATER/OIL DISTRIBUTION:	WATER SOLUBLE		

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	LOWER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AV
AUTOIGNITION TEMPERATURE:	NONE	HAZARDOUS COMBUSTION PRODUCTS:	NONE		
EXPLOSION DATA:	N/AP	SENSITIVITY TO STATIC DISCHARGE:	N/AP		

SECTION 5 - REACTIVITY DATA

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