

PRODUCT IDENTIFIER: CLEANER AND CONDITIONER OR ULTRA-CLEAN			
SECTION 6 - TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY:	SKIN CONTACT	X	SKIN ABSORPTION
			EYE CONTACT
			X
			INHALATION
			INGESTION
			X
EFFECTS OF ACUTE EXPOSURE TO PRODUCT:			
INHALATION, EYE, SKIN CONTACT MAY CAUSE IRRITATION			
INGESTION MAY CAUSE IRRITATION TO MOUTH AND THROAT AND ALIMENTARY TRACT			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:			
PROLONGED EXPOSURE MAY CAUSE SKIN DEFATTING OR DERMATITIS			
EXPOSURE LIMITS:	IRRITANCY OF PRODUCT:	SENSITIZATION TO PRODUCT:	CARCINOGENICITY:
N/A	CONTACT WITH EYES / SKIN	N/A	NO
TERATOGENICITY:	REPRODUCTIVE TOXICITY:	MUTAGENICITY:	SYNERGISTIC PRODUCTS:
N/A	N/A	N/A	N/A
SECTION 7 - PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT:			
GLOVES (SPECIFY):	RESPIRATOR (SPECIFY):	EYE (SPECIFY):	
RUBER OR NEOPRENE	FOR SPILLS OR OVEREXPOSURE NIOSH APPROVED, ORGANIC VAPOUR CARTRIDGE	CHEMICAL SPLASH GOGGLES	
FOOTWEAR (SPECIFY):	CLOTHING (SPECIFY):	OTHER (SPECIFY):	
IMPERVIOUS	N/AP	NO	
ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):			
NORMAL VENTILATION			
LEAK AND SPILL PROCEDURE:			
RINSE WITH WATER AND LET DRY.			
WASTE DISPOSAL:			
ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REQUIREMENTS.			
HANDLING PROCEDURES AND EQUIPMENT:			
NORMAL HANDLING PROCEDURES.			
STORAGE REQUIREMENTS:			
STORE IN WELL VENTILATED AREAS, RECOMMENDED TEMPERATURE: 15c			
SPECIAL SHIPPING INFORMATION:			TDG. UN NUMBER
NORMAL PROCEDURE; KEEP FROM FREEZING.			N/AP
SECTION 8 - FIRST AID MEASURES			
SPECIFIC MEASURES:			
INGESTION: DRINK 3-4 GLASSES OF MILK OR WATER; DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.			
CONTACT WITH EYES: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.			
CONTACT WITH SKIN: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.			
SECTION 9 - PREPARATION DATE OF MSDS			
PREPARED BY:	PHONE NUMBER:	DATE:	
ULTRA CHEM INDUSTRIES LTD. DIRECTOR TECHNICAL SERVICES	(604) 946-8357	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 - 0

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER:	CLEANER AND CONDITIONER OR ULTRA-CLEAN		GS 37
PRODUCT USE:	MULTI-PURPOSE CLEANER		
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.	SUPPLIERS NAME:	
STREET ADDRESS:	#1-7107 VENTURE STREET	STREET ADDRESS:	
CITY:	DELTA	PROVINCE/STATE:	B.C.
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)
C9 – C11LINEAR PRIMARY ALCOHOL ETHOXYLATE	1.0-3.5%	68439-46-3	1400 MG/KG (ORAL,RAT)	N/AV
POTASSIUM HYDROXIDE	1.0%	1310-58-3	365 MG/KG (ORAL, RAT)	N/AV
2-PROPANOL 1-PROPOXY / n-PROPOXYPROPANOL (glycol ether PNP)	1.0 - 3.5%	1569-01-3	2920 MG/KG (ORAL, RAT)	N/AV

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	LIQUID	ODOUR AND APPEARANCE:	NATURAL CITRUS ODOR; YELLOW SOLUTION		THRESHOLD ODOUR (ppm):			
VAPOUR PRESSURE:	1.7mmHg (mm Hg)	VAPOUR DENSITY:	4.1 (Air = 1)	EVAPORATION RATE:(n-Butyl acetate = 1)	0.22	BOILING POINT:	> 100°C	
pH:	9.5 ± 0.5	SPECIFIC GRAVITY:	1.02±0.01 (Water = 1)	COEFFICIENT OF WATER/OIL DISTRIBUTION:	100% WATER SOLUBLE		FREEZING POINT:	< 0° 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:	N/AP	UPPER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AP
AUTOIGNITION TEMPERATURE:	N/AP	HAZARDOUS COMBUSTION PRODUCTS:	OXIDES OF CARBON
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?	YES X NO STRONG OXIDIZING AGENTS, STRONG ACIDS
REACTIVITY, AND UNDER WHAT CONDITIONS?	NONE
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE