

PRODUCT IDENTIFIER: Super Heavy Duty Degreaser			
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 AND SKIN CONTACT MAY CAUSE BURNS.			
INGESTION MAY CAUSE BURNS TO MOUTH THROAT AND ABDOMEN			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:			
PROLONGED OR REPEATED EXPOSURE CAN CAUSE DRYING, DEFATTING AND DERMATITIS OF SKIN.			
EXPOSURE LIMITS:	IRRITANCY OF PRODUCT:	SENSITIZATION TO PRODUCT:	CARCINOGENICITY:
N/AV	CONTACT WITH EYES / SKIN	N/AV	NO
TERATOGENICITY:	REPRODUCTIVE TOXICITY:	MUTAGENICITY:	SYNERGISTIC PRODUCTS:
N/AV	N/AV	N/AV	N/AV
SECTION 7 - PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT:			
GLOVES (SPECIFY):	RESPIRATOR (SPECIFY):	EYE (SPECIFY):	
RUBBER OR NEOPRENE GLOVES	N/AP	CHEMICAL SPLASH GOGGLES	
FOOTWEAR (SPECIFY):	CLOTHING (SPECIFY):	OTHER (SPECIFY):	
IMPERVIOUS	N/AP	NONE	
ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):			
GENERAL VENTILATION			
LEAK AND SPILL PROCEDURE:			
RINSE WITH COPIOUS AMOUNTS OF 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 (59°F)			
SPECIAL SHIPPING INFORMATION:		TDG. UN NUMBER	
NORMAL PROCEDURE; KEEP FROM FREEZING.		CAUSTIC ALKALI LIQUIDS, NOS (POTASSIUMHYDROXIDE, MONOETHANOLAMINE), CLASS 8, UN1719, PG III	
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 FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.			
CONTACT WITH SKIN: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.			
INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT PERSISTS OBTAIN 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 - 2 , FLAMMABILITY - 0 , REACTIVITY - 1

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER:	SUPER HEAVY DUTY DEGREASER 3_D			GS37	
PRODUCT USE:	DEGREASER AND CLEANER				
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.	SUPPLIER'S NAME:			
STREET ADDRESS:	#1-7107 VENTURE STREET	STREET ADDRESS:			
CITY:	DELTA	<small>PROVINC E/STATE:</small> B.C.	CITY:	<small>PROVINCE:</small>	
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-BUTOXYPROPANOL (PNB)	3.5%	5131-66-8	2200 MG/KG (ORAL,RAT)	N/AV
POTASSIUM HYDROXIDE	1%	1310-58-3	365 MG/KG (ORAL, RAT)	N/AV

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	LIQUID	ODOUR AND APPEARANCE:		MILD ODOR; REDISH COLOR SOLUTION	THRESHOLD ODOUR (ppm):	N/AV			
VAPOUR PRESSURE:	1.7mmHg (mm Hg)	VAPOUR DENSITY:	4.1 (Air = 1)	EVAPORATION RATE:(n-Butyl acetate = 1)	as water	BOILING POINT:	> 100°C	FREEZING POINT:	< 0°C
PH:	10.0 ± 0.5	SPECIFIC GRAVITY:	1.03 (Water = 1)	COEFFICIENT OF WATER/OIL DISTRIBUTION:		100% 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:	N/AP	UPPER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AP	LOWER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AP
AUTOIGNITION TEMPERATURE:	N/AP	HAZARDOUS COMBUSTION PRODUCTS:			OXIDES OF CARBON, OXIDES OF NITROGEN
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 STRONG ACIDS, STRONG OXIDIZING AGENTS
REACTIVITY, AND UNDER WHAT CONDITIONS?	
HEATED TO 250°C	
HAZARDOUS DECOMPOSITION PRODUCTS:	
NONE	