

# 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 & CONDITIONER	GS37
PRODUCT USE:	CLEANER AND RESTORER	
MANUFACTURED FOR:	ARIES SUPPLY	SUPPLIERS NAME:
STREET ADDRESS:	3921 S. CAPITOL ST. S.W. SUITE 5	STREET ADDRESS:
CITY / STATE:	WASHINGTON, DC	ZIP CODE: 20032
EMERGENCY TELEPHONE:	1-800-255-3924	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-C11 LINEAR PRIMARY ALCOHOL ETHOXYLATE	1.0-3.5	68439-46-3	1400 mg/kg (oral, rat)	N/AV
POTASSIUM HYDROXIDE	0.1-1.0	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	N/AV

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: LIQUID	ODOR AND APPEARANCE: NATURAL CITRUS ODOR; YELLOW SOLUTION	THRESHOLD ODOR (ppm): N/AP		
VAPOUR PRESSURE: 1.7 mmHg	VAPOUR DENSITY: (Air = 1) 4.1	EVAPORATION RATE:(n-Butyl acetate = 1) 0.22	BOILING POINT: 100 - 120°C	FREEZING POINT: 0°C
PH: 9.5± 0.5	SPECIFIC GRAVITY: (Water = 1) 1.02	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: N/AP			
SPECIAL PROCEDURES: N/AP			
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: 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 NO X	
REACTIVITY, AND UNDER WHAT CONDITIONS? NONE	
HAZARDOUS DECOMPOSITION PRODUCTS: NONE	

<b>PRODUCT IDENTIFIER: CLEANER &amp; CONDITIONER</b>			
<b>SECTION 6 – TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT X INHALATION INGESTION X			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: INGESTION MAY CAUSE VOMITING, HEADACHES, AND MEDICAL PROBLEMS			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:  NONE			
EXPOSURE LIMITS: NONE	IRRITANCY OF PRODUCT: CONTACT WITH EYES / SKIN	SENSITIZATION TO PRODUCT: NONE	CARCINOGENICITY: NONE
TERATOGENICITY: NONE	REPRODUCTIVE TOXICITY: NONE	MUTAGENICITY: NONE	SYNERGISTIC PRODUCTS: NONE
<b>SECTION 7 – PREVENTIVE MEASURES</b>			
PERSONAL PROTECTIVE EQUIPMENT:			
GLOVES (SPECIFY): RUBBER OR NEOPRENE	RESPIRATOR (SPECIFY): N/AP	EYE (SPECIFY): CHEMICAL SPLASH GOGGLES	
FOOTWEAR (SPECIFY): N/AP	CLOTHING (SPECIFY): N/AP	OTHER (SPECIFY): NO	
ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS): NORMAL VENTILATION			
LEAK AND SPILL PROCEDURE: WASH WITH SUITABLE CLEANER, 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: 15°C			
SPECIAL SHIPPING INFORMATION: NORMAL PROCEDURED; KEEP FROM FREEZING.			TDG. UN NUMBER N/AP
<b>SECTION 8 – FIRST AID MEASURES</b>			
SPECIFIC MEASURES:  INGESTION: DRINK 3-4 GLASSES OF MILK OR WATER; DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.  CONTACT WITH EYES: FLUSH WITH COPEOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION IMMEDIATELY.  CONTACT WITH SKIN: FLUSH WITH COPEOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION IMMEDIATELY.			
<b>SECTION 9 – PREPARATION DATE OF MSDS</b>			
PREPARED BY:	PHONE NUMBER:	DATE:	
ULTRA CHEM INDUSTRIES LTD  DIRECTOR TECHNICAL SERVICES	1-604-946-8357	FEBRUARY 2005	