



**MATERIAL SAFETY DATA SHEET
FOR
MOV LONG LIFE GREASE**

WHMIS – NOT CONTROLLED

NOT CONTROLLED

SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT USE: LUBRICATING GREASE

PRODUCT CODE: MOVLL

MANUFACTURER: CROMPTON CO./CIE.
565 CORONATION DRIVE
WEST HILL, ONTARIO
M1E 2K3

SUPPLIER: FORSYTHE LUBRICATION ASSOCIATES LTD.
120 CHATHAM STREET
HAMILTON, ONTARIO
L8P 2B5 (905) 525-7192
1-800-305-2806

SECTION 2: HAZARDOUS INGREDIENTS

ONLY THE INGREDIENTS PRECEDED BY A ** ARE CONTROLLED UNDER WHMIS

% wt./wt.	HAZARDOUS INGREDIENTS	UN/CAS #	LC 50	LD 50-ORAL (RATS)	LD 50-DERMAL (RABBITS)
45.0-75.0	SEVERELY HYDROTREATED HYDROCARBON OIL (C26-C45)	MIXTURE			
10.0-15.0	MINERAL OIL	64742-65-0			
10.0-15.0	CALCIUM CARBONATE	471-34-1			
60-8.0	CALCIUM SULFONATE	TRADE SECRET			
< 1.0	ALKYLATED DIPHENYLAMINES	68411-46-1			
< 0.5	POLYISOBUTYLENE IN WHITE OIL	9003-27-4			

SECTION 3: PHYSICAL DATA

VAPOUR PRESSURE (mm Hg):	< 0.0003	EVAPORATION RATE:	NOT AVAILABLE
COEFFICIENT WATER/OIL DISTRIBUTION:	NOT DETERMINED	FREEZING POINT (°C):	NOT DETERMINED
WATER SOLUBILITY:	NEGLIGIBLE	PHYSICAL STATE:	SEMI-FLUID
VISCOSITY:	NOT APPLICABLE	pH:	NOT DETERMINED
BOILING POINT (°C):	NOT DETERMINED	VAPOUR DENSITY:	NOT APPLICABLE
ODOUR THRESHOLD (ppm):	NOT DETERMINED	DENSITY AT 16 C:	1.0
VOLATILE (%):	NOT DETERMINED	ODOUR/APPEARANCE:	TAN COLOUR/PETROLEUM ODOUR

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY? YES (X) CONDITIONS? EXPOSURE TO OPEN FLAME, IGNITION SOURCES AND TEMPERATURES ABOVE FLASH POINT.
NO ()

MEANS OF EXTINCTION: (X) CARBON DIOXIDE (X) FOAM (X) FOG (SPRAY)
(X) DRY CHEMICAL () WATER STREAM (X) OTHER (SEE SPECIAL PROCEDURES)

FLASH POINT °C (METHOD): > 180 (COC) AUTO IGNITION POINT °C: NO DATA AVAILABLE
LOWER FLAMMABLE LIMIT (%VOL): NOT DATA AVAILABLE UPPER FLAMMABLE LIMIT (%VOL): NO DATA AVAILABLE

COMBUSTION PRODUCTS: OXIDES OF CARBON AND SULPHUR.

SENSITIVITY TO IMPACT: NONE SENSITIVITY TO STATIC DISCHARGE: NOT DETERMINED

SPECIAL PROCEDURES: USE WATERSPRAY TO COOL FIRE EXPOSED CONTAINERS AND AS A PROTECTIVE SCREEN. FIREFIGHTERS MUST BE EQUIPPED TO PREVENT BREATHING OF VAPOURS OR PRODUCTS OF COMBUSTION. WEAR AN APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

SECTION 5:		REACTIVITY DATA	
CHEMICAL STABILITY? YES (X) NO ()	CONDITIONS? NON-REACTIVE		
INCOMPATIBILITY WITH OTHER PRODUCTS? YES (X) NO ()	SPECIFY? STRONG OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE, OXIDIZING CHLORINE AND BROMINE COMPOUNDS AND CHROMIC ACID.		
REACTIVITY, UNDER WHAT CONDITIONS? NON REACTIVE			
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, WATER, OXIDES OF SULPHUR AND OXIDES OF CALCIUM.			
SECTION 6:		TOXICOLOGICAL PROPERTIES	
ROUTE OF ENTRY: SKIN (X) EYES (X) INHALATION () INGESTION ()			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION AND POSSIBLY DERMATITIS. MIST OR SPRAY MAY CAUSE DELAYED ONSET OF PULMONARY EDEMA. SWALLOWING MAY CAUSE DIARRHEA. IF HIGH PRESSURE FORCES THE PRODUCT UNDER THE SKIN GET IMMEDIATE MEDICAL ATTENTION.			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: NO FURTHER EFFECTS OF LONG-TERM EXPOSURE ARE EXPECTED.			
LD 50 – (ORAL) :	NOT DETERMINED	EXPOSURE LIMITS:	5 mg/m ³ TWA (AS OIL MIST)
LD 50 – (DERMAL):	NOT DETERMINED	IRRITANCY OF PRODUCTS:	SLIGHT
LC 50 – (INHALATION):	NOT DETERMINED		
SENSITIZATION:	NON SENSITIZER	MUTAGENICITY:	NONE
REPRODUCTIVE TOXICITY:	NONE	CARCINOGENICITY:	NON CARCINOGENIC
TERATOGENICITY:	NON TERATOGENIC	SYNERGISTIC PRODUCTS:	NONE
ADDITIONAL INFORMATION: THIS IS AN UNTESTED MIXTURE. THE TOXICOLOGICAL INFORMATION SUPPLIED IS BASED ON THE MOST HAZARDOUS INGREDIENT.			
CHEMICAL INVENTORY: THE INGREDIENTS OF THIS PRODUCT ARE ON THE DSL (CANADA). THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY(UNITED STATES).			
HAZARDOUS MATERIAL INFORMATION SYSTEM (USA):			
	HEALTH		1
	FIRE HAZARD		1
	REACTIVITY		0

SECTION 7: PREVENTATIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT:	AVOID CONTACT WITH SKIN AND EYES. REMOVE CLOTHING THAT HAS BEEN IN CONTACT WITH THIS PRODUCT AND WASH THOROUGHLY BEFORE REUSE. WEAR GOGGLES OR FACE SHIELD AND IMPERVIOUS GLOVES WHEN HANDLING.
ENGINEERING CONTROLS :	USE WITH ADEQUATE VENTILATION AND KEEP AIRBORNE CONCENTRATIONS WITHIN THE RECOMMENDED LIMITS.
LEAK AND SPILL PROCEDURES :	PREVENT MATERIAL FROM ENTERING DRAINS, SEWERS OR WATERWAYS. ABSORB RESIDUE WITH AN INERT ABSORBENT. SHOVEL INTO WASTE CONTAINER AND DISPOSE.
WASTE AND DISPOSAL:	USE STANDARD WASTE DISPOSAL PROCEDURES IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.
HANDLING PROCEDURES AND EQUIPMENT:	KEEP DRUMS TIGHTLY CLOSED TO PREVENT CONTAMINATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WEAR RECOMMENDED PERSONAL PROTECTION EQUIPMENT.
STORAGE REQUIREMENTS:	STORE IN COOL, WELL VENTILATED AREA. MAXIMUM STORAGE TEMPERATURE IS 93 C.
SPECIAL SHIPPING INFORMATION:	NOT REGULATED BY TDGR.
SECTION 8: FIRST AID MEASURES	
EYE CONTACT:	FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ADVICE IF IRRITATION DEVELOPS.
SKIN CONTACT:	WASH WITH PLENTY OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.
INHALATION:	REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.
ASPIRATION / INGESTION:	DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION.
SECTION 9: PREPARATION DATE OF MSDS	
PREPARED BY : OPERATIONS	REVISION DATE: JANUARY 7, 2005 SUPERSEDES: JULY 11, 2002
WARRANTY: ALL TECHNICAL INFORMATION, RECOMMENDATIONS AND STATEMENTS CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE. IT IS OFFERED IN GOOD FAITH BUT WITHOUT GUARANTEE. WE MAKE NO WARRANTY EXPRESSED OR IMPLIED AS TO THE SUITABILITY OF OUR PRODUCT FOR ANY PARTICULAR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL. LIABILITY IS LIMITED TO THE NET PURCHASE PRICE OF THE PRODUCT. THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED AND NO STATEMENT OR RECOMMENDATION NOT CONTAINED HEREIN SHALL APPLY UNLESS COVERED BY AGREEMENT SIGNED BY AUTHORIZED OFFICERS OF FORSYTHE LUBRICATION ASSOCIATES LTD.	

FORSYTHE LUBRICATION ASSOCIATES LTD.
120 CHATHAM ST., HAMILTON, ONTARIO, CANADA L8P 2B5
TEL: (905) 525-7192 FAX: (905) 525-7024