



**MATERIAL SAFETY DATA SHEET
FOR
DIANA 2100**
NSF Registration #133123



WHMIS – NOT CONTROLLED		NOT CONTROLLED	
SECTION 1: PRODUCT IDENTIFICATION AND USE			
PRODUCT USE: LUBRICATING GREASE		PRODUCT CODE: DIANA	
SUPPLIER:		FORSYTHE LUBRICATION ASSOCIATES LTD. 120 CHATHAM STREET HAMILTON, ONTARIO L8P 2B5 (905) 525-7192	
SECTION 2: HAZARDOUS INGREDIENTS			
ONLY THE INGREDIENTS PRECEDED BY A ** ARE CONTROLLED UNDER WHMIS			
% HAZARDOUS INGREDIENTS	UN/CAS #	LC 50	LD 50-ORAL (RATS)
			LD 50-DERMAL (RABBITS)
NO HAZARDOUS INGREDIENTS			
SECTION 3: PHYSICAL DATA			
VAPOUR PRESSURE (hPa):	< 0.0008 AT 20 C	EVAPORATION RATE:	NOT AVAILABLE
COEFFICIENT WATER/OIL DISTRIBUTION:	NOT DETERMINED	FREEZING POINT (°C):	NOT DETERMINED
WATER SOLUBILITY:	NEGLIGIBLE	PHYSICAL STATE:	SEMI SOLID
VISCOSITY cSt @ 40 C:	NOT APPLICABLE	pH:	NO DATA AVAILABLE
BOILING POINT (°C):	NOT DETERMINED	VAPOUR DENSITY:	NOT DETERMINED
ODOUR THRESHOLD (ppm):	NOT DETERMINED	DENSITY:	0.95 – 1.05 g/cm ³ @ 25°C
VOLATILE (%):	NOT DETERMINED	ODOUR/APPEARANCE:	CREAM/ MILD PETROLEUM
SECTION 4: FIRE AND EXPLOSION DATA			
FLAMMABILITY? YES (X) CONDITIONS? EXPOSURE TO OPEN FLAME, IGNITION SOURCES AND TEMPERATURES ABOVE THE FLASH POINT. NO ()			
MEANS OF EXTINCTION:	(X) CARBON DIOXIDE (X) DRY CHEMICAL	(X) FOAM () WATER STREAM	() FOG (SPRAY) (X) OTHER (SEE SPECIAL PROCEDURES)
FLASH POINT °C (METHOD):	> 180°C (COC)	AUTO IGNITION POINT °C:	NOT DETERMINED
LOWER FLAMMABLE LIMIT (%VOL):	NOT DETERMINED	UPPER FLAMMABLE LIMIT (%VOL):	NOT DETERMINED
COMBUSTION PRODUCTS: OXIDES OF CARBON, CALCIUM 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. SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE-PIECE OPERATED IN POSITIVE PRESSURE MODE. BODY COVERING PROTECTIVE CLOTHING, FULL "TURN-OUT" GEAR.			

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PRODUCT CODE DIANA

SECTION 5: REACTIVITY DATA	
CHEMICAL STABILITY? YES (X) NO ()	CONDITIONS? NON-REACTIVE
INCOMPATIBILITY WITH OTHER PRODUCTS? YES (X) NO ()	SPECIFY? STRONG OXIDIZING AGENTS.
REACTIVITY, UNDER WHAT CONDITIONS? NON REACTIVE	
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, CALCIUM AND SULPHUR.	
SECTION 6: TOXICOLOGICAL PROPERTIES	
ROUTE OF ENTRY: SKIN (X) EYES (X) INHALATION (X) INGESTION (X)	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: CONTACT WITH SKIN AND EYES MAY CAUSE IRRITATION. IF MIST OR SPRAY IS INHALED MAY RESULT IN DELAYED ONSET OF PULMONARY EDEMA. IF INGESTED MAY CAUSE DIARRHEA.	
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: NO CHRONIC EFFECTS KNOWN.	
LD 50 - (ORAL): NOT DETERMINED LD 50 - (DERMAL): NOT DETERMINED LC 50 - (INHALATION): NOT DETERMINED SENSITIZATION: NON SENSITIZER REPRODUCTIVE TOXICITY: NONE TERATOGENICITY: NONE	EXPOSURE LIMITS: 5.0 mg/m ³ (TWA mist) IRRITANCY OF PRODUCTS: SLIGHT MUTAGENICITY: NONE CARCINOGENICITY: NON CARCINOGENIC SYNERGISTIC PRODUCTS: NONE
ADDITIONAL INFORMATION: THIS IS AN UNTESTED MIXTURE. THE TOXICOLOGICAL INFORMATION SUPPLIED IS BASED ON THE MOST HAZARDOUS INGREDIENT. THIS PRODUCT IS STABLE IN WATER AND CAN BE MECHANICALLY SEPARATED FROM WATER. THE WATER MAY BE SUITABLE FOR DISPOSAL IN A BIOLOGICAL WASTE WATER TREATMENT PLANT.	

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SECTION 7: PREVENTATIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT:	AVOID CONTACT WITH SKIN AND EYES. WEAR GOGGLES OR FACE SHIELD AND IMPERVIOUS GLOVES WHEN HANDLING. USE NIOSH APPROVED RESPIRATOR WITH DUAL ORGANIC VAPOR/MIST AND PARTICULATES CARTRIDGE.
ENGINEERING CONTROLS :	USE WITH ADEQUATE VENTILATION AND KEEP AIRBORNE CONCENTRATIONS WITHIN THE RECOMMENDED LIMITS.
LEAK AND SPILL PROCEDURES:	ABSORB RESIDUE WITH AN INERT ABSORBENT. SHOVEL INTO WASTE CONTAINER AND DISPOSE. PREVENT FROM ENTERING SEWER SYSTEM OR SURFACE WATER.
WASTE AND DISPOSAL:	USE STANDARD WASTE DISPOSAL PROCEDURES IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.
HANDLING PROCEDURES AND EQUIPMENT:	KEEP LID CLOSED TO PREVENT CONTAMINATION. ELECTRICALLY BOND AND GROUND ALL CONTAINERS AND EQUIPMENT.
STORAGE REQUIREMENTS:	KEEP AWAY FROM STRONG OXIDIZING AGENTS. NORMAL PRECAUTIONS COMMON TO GOOD SAFETY PRACTICE SHOULD BE FOLLOWED IN STORAGE.
SPECIAL SHIPPING INFORMATION:	NOT REGULATED BY IMDG OR ICAO.
SECTION 8: FIRST AID MEASURES	
EYE CONTACT:	FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT:	WASH WITH PLENTY OF SOAP AND WATER. IF HOT MATERIAL CONTACTS SKIN, IMMEDIATELY COOL BEFORE ATTEMPTING REMOVAL. IF IRRITATION PERSISTS, OR CONTACT PROLONGED, OBTAIN MEDICAL ATTENTION. IF HIGH PRESSURE FORCES PRODUCT UNDER SKIN GET IMMEDIATE MEDICAL ATTENTION.
INHALATION:	REMOVE VICTIM TO FRESH AIR. ASPIRATION MAY CAUSE PULMONARY EDEMA OR ASPIRATION PNEUMONIA. IF BREATHING IS DIFFICULT, OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL. OBTAIN MEDICAL ATTENTION IF SYMPTOMS PERSIST.
ASPIRATION / INGESTION:	DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION. NOT EXPECTED TO BE TOXIC BY INGESTION.
SECTION 9: PREPARATION DATE OF MSDS	
PREPARED BY : OPERATIONS	REVISION DATE: AUGUST 2006 SUPERSEDES: OCTOBER 2003
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.	

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