



MATERIAL SAFETY DATA SHEET

TROJAN CHEMICALS
4 BLAIR DRIVE
BRAMPTON, ONTARIO
L6T 2H5
TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION: B3

MATERIAL REFERENCE NO: 619900

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: TRL-199	
CHEMICAL NAME: NOT AVAILABLE	CHEMICAL FAMILY: LUBRICANTS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: SILICONE LUBRICANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. CONCENT.	TWA PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
MINERAL SPIRITS	60.0-100.0	175	68551-17-7	3460 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: COLOURLESS LIQUID, PETROLEUM ODOUR.			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	
NOT ESTABLISHED	0.791	NOT AVAILABLE	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
>1	(WATER=1) >1	(20 ø C) INSOLUBLE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)	
INITIAL 157	<1	>95	
pH	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE	



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: COMBUSTIBLE		
IF YES, UNDER WHICH CONDITIONS: CONTACT WITH DIRECT IGIGNITION SOURCE		
(OPEN FLAME)		
MEANS OF EXTINCTION: CO2, DRY CHEMICAL, ALCOHOL FOAM, WATER FOG.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-		
CONTAINED BREATHING APPARATUS FOR ALL CHEMICAL FIRES.		
FLASH POINT (C) AND METHOD: MINIMUM 43 (C) (TCC)		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,		
UNIDENTIFIED ORGANIC COMPOUNDS, BLACK SMOKE.		
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP (C)		
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE		
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER		
TO CHEMICAL IMPACT		
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE		
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE		
IF NO, UNDER WHICH CONDITIONS:		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: STRONG OXIDIZERS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, TOXIC		
FUMES/VAPOURS, SMOKE.		

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:		
SKIN CONTACT: YES SKIN ABSORPTION: YES EYE CONTACT: YES		
INHALATION: YES INGESTION: YES		



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-MAY CAUSE SLIGHT IRRITATION. |
| SKIN-CONTACT MAY CAUSE DRYING, CRACKING WITH IRRITATION. |
| INHALATION-EXCESSIVE INHALATION OF HIGH CONCENTRATIONS OF VAPOURS |
| MAY CAUSE IRRITATION OF RESPIRATORY TRACT, HEADACHES, DIZZINESS, |
| ANESTHESIA, DROWZINESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. |
| INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING. |
| ASPIRATION OF SMALL AMOUNTS INTO LUNGS MAY CAUSE MILD TO SEVERE |
| PULMONARY INJURY. |
| |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN RASH (DERMATITIS). |
| |
| |

| LD 50 OF MATL. | LC 50 OF MATL. | EXPOSURE LIMIT(S) | IRRITANCY OF MATL |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | MODERATE |

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NOT AVAILABLE | NOT AVAILABLE |

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY |
| NONE KNOWN. |
| |

SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: APPROPRIATE CHEMICAL RESISTANT. |
| RESPIRATORY: NOT NORMALLY REQUIRED. FOR PROLONGED EXPOSURES OR IF |
| TLV IS EXCEEDED, USE NIOSH APPROVED RESPIRATOR. |
| EYE: SAFETY SHIELD OR GOGGLES IF EYE CONTACT IS LIKELY. |
| FOOTWEAR: NO SPECIAL REQUIREMENTS. |
| CLOTHING: NO SPECIAL REQUIREMENTS. |
| OTHER: EYE WASH, SAFETY SHOWER. |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL |
| VENTILATION IN CONFINED AREAS OR WHEN TLV IS EXCEEDED. |

| LEAK AND SPILL PROCEDURE: WEAR RECOMMENDED PROTECTIVE EQUIPMENT. |
| REMOVE SOURCES OF IGNITION. CONTAIN SPILL. PROVIDE ADEQUATE |
| VENTILATION. TRANSFER SPILLED MATERIAL INTO A METAL CONTAINER FOR |
| REUSE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO VERMICULITE OR |
| SAWDUST AND PLACE IN METAL CONTAINER FOR DISPOSAL. |

| WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL |
| AND FEDERAL REGULATIONS. |
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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES- FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHING. FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING ADMINISTER ARTIFICIAL RESPIRATION AND GET IMMEDIATE MEDICAL ATTENTION.
INGESTION-IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS.

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
FLAMMABLE LIQUID N.O.S. (PETROLEUM DISTILLATES)	3	1993	III
NOT REGULATED BY ROAD OR RAIL IN CONTAINERS OF LESS THAN 450 L.			

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
2	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: OCTOBER 11, 2009

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