



# MATERIAL SAFETY DATA SHEET

TROJAN CHEMICALS  
1875 DREW ROAD  
MISSISSAUGA, ONTARIO  
L5S 1J5  
TEL# (905) 456-9444

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

W.H.M.I.S. CLASSIFICATION: A, B5, D2B

MATERIAL REFERENCE NO: 659421

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: TRB 594 "TRO-BRITE" (AEROSOL)	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT AVAILABLE
SYNONYMS: NONE	
MATERIAL USE: STAINLESS STEEL COATING	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
ACETONE	20.0-40.0	1000	67-64-1	5800 MG/KG
TOLUOL	20.0-40.0	100	108-88-3	636 MG/KG
XYLENE	5.0-10.0	100	1330-20-7	3523 MG/KG
ETHYL BENZENE	1.0-5.0	100	100-41-4	3500 MG/KG
MINERAL SPIRITS	1.0-5.0	100	64742-47-8	>5000 MG/KG
PROPANE	10.0-20.0	1000	74-98-6	NO DATA
n-BUTANE	10.0-20.0	800	106-97-8	NO DATA

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL		
ODOUR AND APPEARANCE: SILVER, GRAY LIQUID; SOLVENT ODOUR.		
ODOUR THRESHOLD (PPM)   NOT AVAILABLE	SPECIFIC GRAVITY   (CONCENTRATE) 0.83	VAPOUR PRESSURE (mm Hg)   6226 AT 20 (C)
VAPOUR DENSITY (AIR=1)   >1	EVAPORATION RATE   NOT AVAILABLE	SOLUBILITY IN WATER   (25°C) NEGLIGIBLE
BOILING POINT (C)   (CONCENTRATE) 9	FREEZING POINT (C)   NOT AVAILABLE	TOTAL VOC %   ~58
pH (10% SOLUTION)   NOT APPLICABLE	DENSITY (G/ML)   NOT APPLICABLE	COEF.OF WATER/OIL DISTR   NOT AVAILABLE



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## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS: OPEN FLAMES, SPARKS			
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CO2.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM			
VENTING, BURSTING OR RUPTURING CONTAINERS. USE WATER FOG TO COOL			
FIRE EXPOSED CONTAINERS.			
FLASH POINT (C) AND METHOD: CONCENTRATE -18.9 (C) T.O.C.			
FLAME EXTENSION EXTREMELY FLAMMABLE SPRAY			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN.			
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		PRESSURIZED CONTAINER	
NOT AVAILABLE	NOT AVAILABLE	KEEP TEMP. BELOW 50C	
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 OXIDIZING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL PRODUCE			
OXIDES OF CARBON AND NITROGEN.			

## 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-CONTACT MAY CAUSE MODERATE IRRITATION, BURNING SENSATION, REDNESS.  
SKIN-CONTACT MAY CAUSE MODERATE IRRITATION.  
INHALATION-MAY CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES.  
INGESTION-CAN CAUSE MODERATE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:  
INHALATION-EXCESSIVE INHALATION MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT, DIZZINESS, NAUSEA AND OTHER CENTRAL NERVOUS EFFECTS.

LD 50 OF MATL. NOT AVAILABLE	LC 50 OF MATL. NOT AVAILABLE	EXPOSURE LIMIT(S) NOT AVAILABLE	IRRITANCY OF MATL SKIN AND EYE IRRITANT
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SENSITIZATION OF MATERIAL NONE KNOWN	SYNERGISTIC MATERIALS NONE KNOWN
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CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:  
NONE KNOWN.

## SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER OR VITON IF REQUIRED  
RESPIRATORY: NOT NORMALLY REQUIRED. FOR PROLONGED EXPOSURES OR IF TLV IS EXCEEDED, USE APPROVED AIR-PURIFYING RESPIRATOR EQUIPPED WITH ORGANIC VAPOUR CARTRIDGE.  
EYE: CHEMICAL GOGGLES  
FOOTWEAR: NO SPECIAL REQUIREMENTS.  
CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN.  
OTHER: EYE WASH AND SAFETY SHOWER  
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL VENTILATION TO MAINTAIN TLV WITHIN ACCEPTABLE LIMITS.

LEAK AND SPILL PROCEDURE: REMOVE SOURCES OF IGNITION. ALLOW PROPELLANT TO EVAPORATE. ABSORB ONTO INERT ABSORBANT. SWEEP UP AND PLACE IN CONTAINER FOR DISPOSAL. WASH AREA TO REMOVE RESIDUAL PRODUCT.

WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE CONTAINER.



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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-WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION-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.	PG
D.G. Safety Marks are in accordance with 49 CFR			
HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. USE ONLY IN WELL-VENTILATED AREAS. DO NOT USE NEAR IGNITION SOURCES. DO NOT SMOKE. WASH THOROUGHLY AFTER HANDLING.			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY HEAT SOURCE. DO NOT STORE WHERE TEMPERATURES EXCEED 50 (C).			
SPECIAL SHIPPING INFORMATION: NON-HEATED			

## SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
4	2	2

## SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: OCTOBER 11, 2014	REPLACES: FEBRUARY 15, 2011

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