

T. DONOVAN & SON (1997) LTD.  
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 749L  
CHEMICAL NAME: SODIUM BISHIPHITE SOLUTION

MANUFACTURER: T. DONOVAN & SON (1997) LTD

REGULAR PHONE #: 506-642-1500 HOURS: 8:30 - 4:30  
EMERGENCY PHONE #: 613-996-6666 CHEMICAL EMERGENCIES ONLY

PRODUCT USE: INDUSTRIAL USE ONLY.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	CONC. %	CAS #
SODIUM METABISULFITE	20-30 %	7681-57-4
WATER	75-85 %	7732-18-5

SECTION III - PHYSICAL DATA

PHYSICAL STATE	: LIQUID	ODOR	: NONE
BOILING POINT (C)	: N/A	FREEZING POINT (C)	: 0 DEG C
ODOR THRESHOLD	: N/A	VAPOR PRESSURE	: N/A
VAPOR DENSITY	: N/AP	PERCENT VOLATILE	: N/A
EVAPORATION RATE	: N/AP	pH	: 6 (1% SOLN)
SPECIFIC GRAVITY: 1.2 @ 15 DEG C		COEFF WATER / OIL	: N/AP
SOLUBILITY IN WATER: SOLUBLE		BULK DENSITY	: N/AP

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY : NON FLAMMABLE  
EXTINGUISHING MEDIA : WATER SPRAY, CO2, OR DRY CHEMICAL  
SPECIAL FIRE FIGHTING PROC : WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.  
FIRE & EXPLOSION HAZARDS : REDUCING REAGENT. REACTS WITH OXIDIZING MATERIALS. MAY IGNITE OR EVEN EXPLODE.  
FLASHPOINT : NOT APPLICABLE  
AUTO-IGNITION TEMPERATURE (C): N/A  
UPPER FLAMMABILITY LIMIT : N/A  
LOWER FLAMMABILITY LIMIT : N/A  
HAZARDOUS COMB. PROD. : SULFUR DIOXIDE  
EXPLOSION SENSITIVITY TO IMPACT: N/A  
SENSITIVITY TO STATIC : N/A

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SECTION V - REACTIVITY DATA

CHEMICAL STABILITY : YES, STABLE UNDER NORMAL CONDITIONS OF USE.

INCOMPATIBILITY : STRONG OXIDIZERS, ACIDS, NITRATES, NITRITES,  
ALCOHOLS, STONG BASES.

CONDITIONS TO AVOID : EXCESSIVE HEAT

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION: SULFUR DIOXIDE

SECTION VI - TOXICOLOGICAL EFFECTS

CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: CORROSIVE - CAUSES IRRITATION.

SKIN CONTACT: PROLONGED CONTACT WITH CAUSE IRRITATION.

INGESTION: WILL CAUSE ADVERSE HEALTH EFFECTS.

INHALATION: IRRITATION TO NOSE, THROAT AND LUNGS.

EXPOSURE LIMITS : N/A

SYNERGISTIC PRODUCTS : NONE

IRRITANCY : N/A

SENSITIZATION : MAY SENSITIZE SKIN

CARCINOGENICITY : NONE

TERATOGENICITY : NONE

MUTAGENICITY : NONE

REPRODUCTIVE TOXICITY : NONE

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

IN ALL CASES, SEEK MEDICAL ATTENTION IMMEDIATELY

EYE CONTACT: FLUSH EYES WITH WATER FOR 30 MINUTES, HOLDING THE EYELIDS OPEN.

SKIN CONTACT: FLUSH WITH RUNNING WATER AND WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. COMPLETELY DECONTAMINATE CLOTHING AND ALL PROTECTIVE EQUIPMENT.

INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER OR MILK. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD. REPEAT ADMINISTERING WATER.

INHALATION: REMOVE FROM CONTAMINATED AREA. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF DIFFICULTY BREATHING, GIVE OXYGEN ONLY BY TRAINED PERSONNEL.

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## SECTION VIII - PREVENTIVE MEASURES

EYE PROTECTION : SAFETY OR CHEMICAL GLASSES FOR FULL FACE MASK.  
SKIN PROTECTION : RUBBER OR PLASTIC GLOVES, COVERALLS OR APRON.  
RESPIRATORY PROTECTION : WEAR NIOSH APPROVED RESPIRATOR.  
ENGINEERING CONTROLS : GENERAL MECHANICAL VENTILATION.

SPILL & LEAK PROCEDURES : WEAR NECESSARY PROTECTIVE CLOTHING AND EQUIPMENT. CONSTRUCT A BARRIER. PUMP SPILLED PRODUCT INTO WASTE CONTAINER.

WASTE DISPOSAL : DISPOSE ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL LAWS.

HANDLING & STORAGE : STORE IN CLOSED CONTAINERS IN DRY, COOL AREAS.

## SECTION IX - TRANSPORT AND REGULATORY INFORMATION

TDG REGULATION : BISULPHITES, AQUEOUS SOLUTION, N.O.S.  
(SODIUM BISULPHITE)  
CLASS 8, UN 2693, PG II

WHMIS CLASSIFICATION : CLASS D-2A, D-2B, E

PREPARED BY: TECHNICAL SERVICES DEPARTMENT  
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