

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 8501  
CHEMICAL NAME: SODIUM HYDROXIDE 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 HYDROXIDE	10-20 %	1310-73-2
WATER	80-90 %	7732-18-5

SECTION III - PHYSICAL DATA

PHYSICAL STATE	: LIQUID	ODOR	: NO ODOR
BOILING POINT (C)	: N/A	FREEZING POINT (C)	: 0 DEG C
ODOR THRESHOLD	: N/A	VAPOR PRESSURE	: NON VOLATILE
VAPOR DENSITY	: N/AP	PERCENT VOLATILE	: 0
EVAPORATION RATE	: N/AP	pH	: 10.5 (1% SOLN.)
SPECIFIC GRAVITY: 1.40 @ 20 DEG C	COEFF WATER / OIL	: N/AP	
SOLUBILITY IN WATER: SOLUBLE	BULK DENSITY	: 1430 KG/M3	

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY : NON FLAMMABLE  
EXTINGUISHING MEDIA : NON FLAMMABLE, FOR FIRES INVOLVING THIS PRODUCT,  
WATER FOG, CO2, OR FOAM MAY BE USED.  
SPECIAL FIRE FIGHTING PROC : WEAR NIOSH APPROVED SELF CONTAINED BREATHING  
APPARATUS.  
FIRE & EXPLOSION HAZARDS : NONE  
FLASHPOINT : NON COMBUSTIBLE  
AUTO-IGNITION TEMPERATURE (C): N/A  
UPPER FLAMMABILITY LIMIT : N/A  
LOWER FLAMMABILITY LIMIT : N/A  
HAZARDOUS COMB. PROD. : NONE KNOWN  
EXPLOSION SENSITIVITY TO IMPACT: N/A  
SENSITIVITY TO STATIC : N/A

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY : YES, STABLE UNDER NORMAL CONDITIONS OF USE.  
INCOMPATIBILITY : STRONG ACIDS  
CONDITIONS TO AVOID : REACTS WITH ACIDS  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
HAZARDOUS DECOMPOSITION: CARBON DIOXIDE

#8501

SECTION VI - TOXICOLOGICAL EFFECTS  
CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: CORROSIVE - CAUSES IRRITATION AND SEVERE BURNS. ULCERATION & BLINDNESS MAY OCCUR.

SKIN CONTACT: CORROSIVE - CAPABLE OF CAUSING SEVERE BURNS WITH DEEP CERATION AND TEMPORARY LOSS OF HAIR. UL-

INGESTION: STRONG PAIN, BURNING OF MOUTH AND THROAT, VOMITING, DIARRHEA, INFLAMMATION OF LARYNX, COMA OR POSSIBLE DEATH.

INHALATION: IRRITATION OF NOSE, THROAT AND LUNGS. SEVERE PNEUMONITIS MAY OCCUR.

EXPOSURE LIMITS	: N/A	SYNERGISTIC PRODUCTS	: N/A
IRRITANCY	: N/A	SENSITIZATION	: N/A
CARCINOGENICITY	: N/A	TERATOGENICITY	: N/A
MUTAGENICITY	: N/A	REPRODUCTIVE TOXICITY	: N/A

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. A NEUTRAL SALINE SOLUTION MAY BE USED TO FLUSH CONTAMINATED EYES.

SKIN CONTACT: FLUSH WITH WATER FOR 30 MINUTES. 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.

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. PUMP SPILLED PRODUCT INTO WASTE CONTAINER. CONTAIN LARGE SPILLS FOR LATER DISPOSAL

#8501

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

HANDLING & STORAGE : STORE IN CLOSED CONTAINERS IN DRY, COOL AREAS. DO NOT STORE NEAR ACIDS.

SECTION IX - TRANSPORT AND REGULATORY INFORMATION

TDG REGULATION : SODIUM HYDROXIDE SOLUTION  
CLASS 8, UN #1824, PG II

WHMIS CLASSIFICATION : CLASS E

PREPARED BY: TECHNICAL SERVICES DEPARTMENT  
T. DONOVAN & SON (1997) LTD.  
P.O. BOX 183  
SAINT JOHN, N.B.  
E2L 3X8

PREPARATION DATE : JANUARY 5, 2000

REVISION DATE: DECEMBER 15, 2013

NOTICE: WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, T. DONOVAN & SON (1997) LTD., MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.