

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 460

CHEMICAL NAME: PHOSPHATE TREATMENT

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 #
TRISODIUM PHOSPHATE	15-20 %	10101-89-0
WATER	80-85 %	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	: 11.8 (1% SOLN)
SPECIFIC GRAVITY	: N/A	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. : SEE SECTION V  
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 : NONE KNOWN  
CONDITIONS TO AVOID : REACTS WITH ACIDS  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
HAZARDOUS DECOMPOSITION: OXIDES OF PHOSPHORUS

## SECTION VI - TOXICOLOGICAL EFFECTS

## CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: SLIGHT IRRITATION.

SKIN CONTACT: SLIGHT IRRITATION.

INHALATION: IRRITATION TO NOSE, THROAT AND LUNGS.

INGESTION: NON-TOXIC. MAY CAUSE GASTROINTESTINAL IRRITATION.

EXPOSURE LIMITS	: N/A	SYNERGISTIC PRODUCTS	: NONE
IRRITANCY	: N/A	SENSITIZATION	: NONE
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. 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.

## 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 : CLASS 9.2, UN 9148, PG III

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 : NOVEMBER 2, 1996

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.