

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 522

CHEMICAL NAME: BOILER WATER 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 APPLICATION

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	CONC.%	CAS #
SODIUM MOLYBDATE DIHYDRATE	5-10 %	7631-95-0
SODIUM TRIPOLYPHOSPHATE	1-5 %	7758-29-4
POTASSIUM HYDROXIDE	15-20 %	1310-58-3
ACRYLIC TERPOLYMER	1-5 %	NON HAZARDOUS
DIETHYLAMINOETHANOL	1-5 %	100-37-8
WATER	45-75 %	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	: 10-11 (1% SOLN.)
SPECIFIC GRAVITY	: 1.080	COEFF WATER / OIL	: N/AP
SOLUBILITY IN WATER	: SOLUBLE	BULK DENSITY	: N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY : FLAMMABLE
EXTINGUISHING MEDIA : FOR LARGE FIRES USE FOAM. FOR SMALL FIRES CO2 OR DRY CHEMICAL MAY BE USED.
SPECIAL FIRE FIGHTING PROC : WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.
FIRE & EXPLOSION HAZARDS : MAY PRODUCE A FLOATING FIRE HAZARD IN EXTREME CASES.
FLASHPOINT : N/A
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 : SEE BELOW

CONDITIONS TO AVOID : STRONG ACIDS, STRONG OXIDIZING AGENTS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION: CO₂

SECTION VI - TOXICOLOGICAL EFFECTS

CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: IRRITANT. WILL CAUSE SEVERE BURNS THAT RESULTS IN DAMAGE TO THE EYES.

SKIN CONTACT: IRRITANT, CORROSIVE. MAY CAUSE SEVERE BURNS WITH PROLONGED EXPOSURE.

INGESTION: CAN CAUSE SEVERE BURNS. LARGE AMOUNTS CAN CAUSE NAUSEA, REDUCED BLOOD PRESSURE AND COLLAPSE.

INHALATION: IRRITATION OF NOSE, THROAT AND LUNGS.

EXPOSURE LIMITS : NONE SYNERGISTIC PRODUCTS : NONE

IRRITANCY : NONE SENSITIZATION : NONE

CARCINOGENICITY : NONE TERATOGENICITY : NONE

MUTAGENICITY : NONE REPRODUCTIVE TOXICITY : NONE

SECTION VII - EMERGENCY AND FIRST AIR 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.

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SPILL & LEAK PROCEDURES : WEAR NECESSARY PROTECTIVE CLOTHING AND EQUIPMENT. PUMP SPILLED PRODUCT INTO WASTE CONTAINER. CONTAIN LARGE SPILLS FOR LATER DISPOSAL.

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 : CORROSIVE LIQUID, FLAMMABLE, N.O.S.*
(DIETHYL ETHANOLAMINE) CLASS 8(3), UN 2920, PG II

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

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