

T. DONOVAN & SON (1997) LTD.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 455

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 #
TETRASODIUM SALT OF ETHYLENE-DIAMINETETRAACETIC ACID	1-5 %	64-02-8
TETRAPOTASSIUM PYROPHOSPHATE	10-20 %	7320-34-5
ACRYLIC TERPOLYMER	1-5 %	NON HAZARDOUS
WATER	70-88 %	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	: 8 (1% SOLN)
SPECIFIC GRAVITY: 1.05 @ 25 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. : 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 : OXIDIZING AGENTS

CONDITIONS TO AVOID : NONE KNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION: UNDER FIRE CONDITIONS: CARBON MONOXIDE AND
DIOXIDE ARE PRODUCED ON COMBUSTION. AMMONIA,
OXIDES OF NITROGEN UNIDENTIFIED ORGANIC COM-
POUNDS.

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: NO HAZARDS FROM SWALLOWING SMALL AMOUNTS INCIDENTAL TO NORMAL HANDLING OPERATIONS. MAY CAUSE GASTROINTESTINAL IRRITATION OR ULCERATION AND SEVERE BURNS OF THE MOUTH AND THROAT.

INHALATION: IRRITATION TO NOSE, THROAT AND LUNGS.

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 : NOT REGULATED

WHMIS Classification : CLASS D-2A, E

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

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