

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 322

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 # |
|--------------------------|--------|-------|
| SODIUM HEXAMETAPHOSPHATE | 100 % | N/A |

SECTION III - PHYSICAL DATA

| | | | |
|----------------------|------------------|--------------------|----------------|
| PHYSICAL STATE | : SOLID | ODOR | : NONE |
| BOILING POINT (C) | : N/A | FREEZING POINT (C) | : N/A |
| ODOR THRESHOLD | : N/A | VAPOR PRESSURE | : N/A |
| VAPOR DENSITY | : N/AP | PERCENT VOLATILE | : N/A |
| EVAPORATION RATE | : N/AP | pH | : 6.7-8.0 (1%) |
| BULK DENSITY | : 0.9-1.35 G/CM3 | COEFF WATER / OIL | : N/AP |
| SOLUBILITY IN WATER: | N/AV | 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 : NONE.
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 : STRONG ACIDS
CONDITIONS TO AVOID : REACTS WITH ACIDS, GENERATES HEAT
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.

| | | | |
|-----------------|--------|-----------------------|--------|
| 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 : THIS IS NOT A CONTROLLED PRODUCT

PREPARED BY: TECHNICAL SERVICES DEPARTMENT
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