

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 575  
CHEMICAL NAME: BRINE CORROSION INHIBITOR

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 #
HYDROXYPHOSPHONO-ACETIC ACID	5-10 %	23783-26-8
PHOSPHOROUS ACID	< 1 %	10294-56-1
WATER		7732-18-5

SECTION III - PHYSICAL DATA

PHYSICAL STATE	: LIQUID	ODOR	: SLIGHT
BOILING POINT (C)	: N/A	FREEZING POINT (C)	: N/A
ODOR THRESHOLD	: N/A	VAPOR PRESSURE	: N/A
VAPOR DENSITY	: N/A	PERCENT VOLATILE	: N/A
EVAPORATION RATE	: N/A	pH	: 1-2 (NEAT)
DENSITY	: 1.05	COEFF WATER / OIL	: N/A
SOLUBILITY IN WATER:	N/A	BULK DENSITY	: N/A

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. : OXIDES OF CARBON AND NITROGEN  
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 OXIDANTS

CONDITIONS TO AVOID : STRONG OXIDANTS

HAZARDOUS POLYMERIZATION: N/A

HAZARDOUS DECOMPOSITION: THERMAL DECOMPOSITION AND BURNING MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE AND PHOSPHORUS OXIDES.

## SECTION VI - TOXICOLOGICAL EFFECTS

## CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: BURNING AND CORROSIVE, MAY CAUSE IRRITATION AND PERMANENT INJURY

SKIN CONTACT: CORROSIVE, CAUSES IRRITATION, BURNING AND POSSIBLE DERMATITIS

INHALATION: HIGH CONCENTRATIONS WILL PRODUCE IRRITATION OF THE RESPIRATORY TRACT, MUCOUS MEMBRANES AND THROAT

INGESTION: CAUSES IRRITATION TO MOUTH AND THROAT AND POSSIBLE TISSUE DESTRUCTION, STOMACH PAIN, NAUSEA, VOMITING, DIARRHEA, CONVULSIONS AND DIFFICULTY BREATHING. MAY BE HARMFUL OR FATAL IF SWALLOWED

CHRONIC OVER EXPOSURE EFFECTS: PROLONGED OR REPEATED INGESTION CAUSED DAMAGE TO THE GASTROINTESTINAL TRACT, KIDNEY AND LIVER IN LABORATORY ANIMALS

EXPOSURE LIMITS : N/A SYNERGISTIC PRODUCTS : N/A

IRRITANCY : CORROSIVE SENSITIZATION : N/A

CARCINOGENICITY : N/A TERATOGENICITY : N/A

MUTAGENICITY : N/A REPRODUCTIVE TOXICITY : N/A

## 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: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE FROM CONTAMINATED AREA. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF DIFFICULTY BREATHING, GIVE OXYGEN. CONSULT A PHYSICIAN.

## 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. FLOOR MAY BE SLIPPERY, USE CARE TO AVOID FALLING. CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH). TRANSFER LIQUID AND DIKING MATERIAL TO SEPARATE CONTAINER FOR DISPOSAL.

HANDLING & STORAGE : STORE IN CLOSED CONTAINERS IN DRY, COOL AREAS.

## SECTION IX - TRANSPORT AND REGULATORY INFORMATION

TDG REGULATION : CORROSIVE LIQUID, ACIDIC, ORGANIC, NOS\* (CONTAINS HYDROXY-PHOSPHONO-ACETIC ACID)  
CLASS 8, UN 3265, PG III

WHMIS CLASSIFICATION : E

PREPARED BY: TECHNICAL SERVICES DEPARTMENT  
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