

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C # 591
CHEMICAL NAME: MICROBIOCID

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 #
POLY[OXYETHYLENE(DIMETHYLIMINIO)ETHYLENE-(DIMETHYLIMINIO)ETHYLENE DICHLORIDE]	15-20 %	31075-24-8
WATER	80-85 %	7732-18-5

SECTION III - PHYSICAL DATA

PHYSICAL STATE	: LIQUID	ODOR	: SLIGHT SWEET
BOILING POINT (C)	: ABOVE 100 C	FREEZING POINT (C)	: 0 DEG C
ODOR THRESHOLD	: N/A	VAPOR PRESSURE	: N/A
VAPOR DENSITY	: N/A	PERCENT VOLATILE	: N/A
EVAPORATION RATE	: N/A	pH	: 6-8 (NEAT)
DENSITY	: 1.04	COEFF WATER / OIL	: N/A
SOLUBILITY IN WATER:	SOLUBLE	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. : HYDROGEN SULFIDE, CARBON DISULFIDE,
METHYLAMINE, METHYL ISOTHIOCYANATE.
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 : NONE KNOWN
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION: NONE KNOWN

SECTION VI - TOXICOLOGICAL EFFECTS

CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: SLIGHT IRRITATION
SKIN CONTACT: NOT IRRITATING

INHALATION: IRRITATION OF NOSE, THROAT AND LUNGS.

EXPOSURE LIMITS	: N/A	SYNERGISTIC PRODUCTS	: N/A
IRRITANCY	: N/A	SENSITIZATION	: N/A
CARCINOGENICITY	: N/A	TERATOGENICITY	: N/A
MUTAGENICITY	: N/A	REPRODUCTIVE TOXICITY	: N/A

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. 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.

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.

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.

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SECTION IX - TRANSPORT AND REGULATORY INFORMATION

TDG REGULATION : NOT REGULATED

PEST CONTROL PRODUCTS ACT: REGISTRATION NUMBER 25905

WHMIS CLASSIFICATION : NOT APPLICABLE. THIS PRODUCT IS REGULATED BY THE PEST
CONTROLS PRODUCT ACT, AGRICULTURE CANADA.

PREPARED BY: TECHNICAL SERVICES DEPARTMENT
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