

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C #565NS
CHEMICAL NAME: CHILLED 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 NITRITE	5-10 %	7632-00-0
SODIUM HYDROXIDE	1-5 %	1310-73-2
SODIUM TETRABORATE PENTAHYDRATE	1-5 %	1330-43-4
DIETHYLAMINOETHANOL	1-5 %	100-37-8
ACRYLIC TERPOLYMER	1-5 %	NON HAZARDOUS
SODIUM TOLYTRIAZOLE	1-5 %	64665-57-2
WATER	45-85 %	7732-18-5

SECTION III - PHYSICAL DATA

PHYSICAL STATE : LIQUID	ODOR	: SLIGHT ODOR
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: 1.17 @ 20 DEG C	COEFF WATER / OIL	: N/AP
SOLUBILITY IN WATER: SOLUBLE	BULK DENSITY	: N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY : FLAMMABLE
EXTINGUISHING MEDIA : WATER SPRAY, CO2, OR DRY CHEMICAL MAY BE USED.
SPECIAL FIRE FIGHTING PROC : STOP FLOW OF CHEMICAL. KEEP FIRE EXPOSED AND CONTAINERS COOL WITH WATER. WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.
FIRE & EXPLOSION HAZARDS : PRESENCE OF OIL OR OTHER COMBUSTIBLE MATERIAL WILL INCREASE FIRE HAZARD.
FLASHPOINT : NON COMBUSTIBLE
AUTO-IGNITION TEMPERATURE (C): N/A
UPPER FLAMMABILITY LIMIT : N/A
LOWER FLAMMABILITY LIMIT : N/A
HAZARDOUS COMB. PROD. : NONE KNOWN
EXPLOSION SENSITIVITY TO IMPACT: N/A
SENSITIVITY TO STATIC : N/A

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SECTION V - REACTIVITY DATA

CHEMICAL STABILITY : YES, STABLE UNDER NORMAL CONDITIONS OF USE.
INCOMPATIBILITY : STRONG ACIDS, OXIDIZING AGENTS
CONDITIONS TO AVOID : REACTS WITH ACIDS, EXCESSIVE HEAT
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION: CARBON DIOXIDE, OXIDES OF NITROGEN

SECTION VI - TOXICOLOGICAL EFFECTS

CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: CORROSIVE - CAUSES IRRITATION AND SEVERE BURNS. ULCERATION & BLINDNESS MAY OCCUR.

SKIN CONTACT: CORROSIVE - CAPABLE OF CAUSING SEVERE BURNS WITH DEEP ULCERATION AND TEMPORARY LOSS OF HAIR.

INGESTION: STRONG PAIN, BURNING OF MOUTH AND THROAT, VOMITING, DIARRHEA, INFLAMMATION OF LARYNX, COMA OR POSSIBLE DEATH.

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: 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

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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.
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. (DIETHYLAMINOETHANOL)
CLASS 8 (3), UN #2920, PG II

WHMIS CLASSIFICATION : CLASS B-3, E, D-1B, C

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