

T. DONOVAN & SON (1997) LTD.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: DC-100

CHEMICAL NAME: METAL CLEANER

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 HYDROXIDE	65-70 %	1310-73-2
SODA ASH	25-30 %	497-19-8
SODIUM GLUCONATE	1-5 %	527-07-1

SECTION III - PHYSICAL DATA

PHYSICAL STATE	: POWDER	ODOR	: NO ODOR
BOILING POINT (C)	: N/A	FREEZING POINT (C)	: N/A
ODOR THRESHOLD	: N/A	VAPOR PRESSURE	: NON VOLATILE
VAPOR DENSITY	: N/AP	PERCENT VOLATILE	: 0
EVAPORATION RATE	: N/AP	pH	: N/A
SPECIFIC GRAVITY	: N/A	COEFF WATER / OIL	: N/A
SOLUBILITY IN WATER	: SOLUBLE	BULK DENSITY	: N/AV

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. : NONE KNOWN

EXPLOSION SENSITIVITY TO IMPACT: N/A

SENSITIVITY TO STATIC : N/A

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

## 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. SEVERE PNEUMONITIS MAY OCCUR.

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 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: 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.

## 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.

DC 100

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 SOLIDS N.O.S.\*  
(SODIUM HYDROXIDE MIXTURE)  
CLASS 8, (9.2) PIN # 1759, PG II

WHMIS CLASSIFICATION : CLASS D-2B, 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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