

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TRIPLE C #825
CHEMICAL NAME: FUEL OIL 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 #
MANGANESE NAPHTHENATE SOLUTION	5-15 %	N/AV
ISOPROPYLAMINE DODECYLBENZENE SULPHONATE	5-15 %	26264-05-1
AMMONIA HYDRATE	1-5 %	7664-41-7
SOLVENT NAPHTHA	70-90 %	68334-30-5

SECTION III - PHYSICAL DATA

PHYSICAL STATE	: LIQUID	ODOR	: HYDROCARBON
BOILING POINT (C)	: N/A	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	: 9.0 MAX
SPECIFIC GRAVITY	: N/A	COEFF WATER / OIL	: N/A
SOLUBILITY IN WATER	: INSOLUBLE	BULK DENSITY	: N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY : FLAMMABLE
EXTINGUISHING MEDIA : WATER FOG, CO2, FOAM, OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROC : WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.
FLASHPOINT : 55 C
AUTO-IGNITION TEMPERATURE (C): 258
UPPER FLAMMABILITY LIMIT : 5.0 %
LOWER FLAMMABILITY LIMIT : 0.7 %
HAZARDOUS COMB. PROD. : CARBON DIOXIDE
EXPLOSION SENSITIVITY TO IMPACT: N/A
SENSITIVITY TO STATIC : YES

#825

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY : YES, STABLE UNDER NORMAL CONDITIONS OF USE.
CONDITIONS TO AVOID : CONTACT WITH OXIDIZING AGENTS AND ACIDS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION: CARBON MONOXIDE AND DIOXIDE

SECTION VI - TOXICOLOGICAL EFFECTS

CHRONIC AND ACUTE EFFECTS UPON ROUTES OF ENTRY

EYE CONTACT: IRRITANT - CAUSES IRRITATION AND BURNS.
SKIN CONTACT: IRRITANT - MAY BE ABSORBED THROUGH SKIN, MAY CAUSE BURNS.
INGESTION: SWALLOWING WILL RESULT IN GASTROINTESTINAL IRRITATION, VOMITING, DEPRESSION. MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE NARCOSIS.
INHALATION: MILDLY IRRITATING. INHALATION OF CONCENTRATED VAPOURS MAY CAUSE HEADACHE, INCOORDINATION.

EXPOSURE LIMITS	: N/A	SYNERGISTIC PRODUCTS	: NONE
IRRITANCY	: MINOR	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. CONTAINS PETROLEUM DISTILLATE. ASPIRATION MAY LEAD TO PNEUMONITIS. CALL A PHYSICIAN.

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.

825

SPILL & LEAK PROCEDURES : WEAR NECESSARY PROTECTIVE CLOTHING AND EQUIPMENT. REMOVE SOURCES OF IGNITION. VENTILATE AREA. COVER WITH INERT ABSORBENT. REMOVE TO DISPOSAL CONTAINER.

WASTE DISPOSAL : DISPOSE ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL LAWS.

HANDLING & STORAGE : PROTECT FROM HEAT, DIRECT SUNLIGHT, AND SOURCE OF IGNITION. PROVIDE ADEQUATE VENTILATION.

SECTION IX - TRANSPORT AND REGULATORY INFORMATION

TDG REGULATION: EXEMPT UNDER SECTION 1.33 (C)
TRANSPORTATION OF DANGEROUS GOODS ACT

WHMIS CLASSIFICATION : CLASS D-2B, B-3

PREPARED BY: TECHNICAL SERVICES DEPARTMENT
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