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 * M S D S *
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 * Canadian Centre for Occupational Health and Safety *
 * * * * * (November, 1999) *

*** IDENTIFICATION ***

MSDS RECORD NUMBER : 1119226
 PRODUCT NAME(S) : MINWAX* TRI-FLOW (AEROSOL)
 PRODUCT IDENTIFICATION : FORMULA NO.: MO 50733
 DATE OF MSDS : 1995-10-23

*** MANUFACTURER INFORMATION ***

MANUFACTURER : THOMPSON-MINWAX (CANADA) LTD
 ADDRESS : 1595 16th Avenue, Suite 701
 Richmond Hill Ontario
 Canada L4B 4A9
 EMERGENCY TELEPHONE NO. : 905-889-0045

*** MATERIAL SAFETY DATA ***

MATERIAL SAFETY DATA SHEET.

SECTION I-----MATERIAL IDENTIFICATION & USE.

MATERIAL NAME/IDENTIFIER: MINWAX* TRI-FLOW (AEROSOL)

W.H.M.I.S. CLASSIFICATION	A, B5, D2B
H.M.I.S. CLASSIFICATION	RATING
HEALTH	2
FIRE	4
REACTIVITY	0
PERSONAL PROTECTION INDEX	B

*REG. TRADE MARK(S)

FORMULA NO.: MO 50733
 CHEMICAL NAME: N/AP.
 CHEMICAL FAMILY: N/AP.
 CHEMICAL FORMULA: MIXTURE.
 TRADE MARK & SYNONYMS: N/AP.
 MOLECULAR WEIGHT: N/AP.
 MATERIAL USE: LUBRICATING SOLVENT

SECTION II-----HAZARDOUS INGREDIENTS OF MATERIAL.

HAZARDOUS INGREDIENTS:	APPROX CONC. (%)	LD50 (SPECIFY) (SPECIES/ROUTE)	LC50 (SPECIFY) (SPECIES/ROUTE)
PETROLEUM DISTILLATES	1-5	ACGIH TLV-TWA 5 Mg/M3 ACGIH TLV-STEL 10 Mg/M3 For oil mist in air OSHA-PEL TWA 5Mg/M3 OSHP-PEL-STEL: NOT ESTABLISHED For oil mist in air	

C.A.S. NO: 64742-52-5

DIPROPYLENE GLYCOL METHYL
ETHER 2-3ACGIH TLV-TWA: 100PPM(SKIN)
ACGIH TLV-STEL: 150PPM(SKIN)
OSHA PEL-TWA: 100PPM
PEL 100PPM

C.A.S. NO: 34590-94-8

PETROLEUM DISTILLATES 1-5
(HYDRO TREATED LIGHT
NAPHTHENIC)ACGIH TLV-TWA 5 Mg/M3
ACGIH TLV-STEL 10 Mg/M3
For oil mist in air
OSHA-PEL TWA 5Mg/M3
OSHA-PEL-STEL: NOT ESTABLISHED
For oil mist in air

C.A.S. NO: 64742-53-6

PETROLEUM DISTILLATES 15-20
(SOLVENT -DEWAXED HEAVY
NAPHTHENIC)ACGIH TLV-TWA 5 Mg/M3
ACGIH TLV-STEL 10 Mg/M3
For oil mist in air
OSHA-PEL TWA 5Mg/M3
OSHA-PEL-STEL: NOT ESTABLISHED
For oil mist in air

C.A.S. NO: 64742-63-8

PETROLEUM DISTILLATES 15-20
(SOLVENT DEWAXED HEAVY PARAFFINIC)ACGIH TLV-TWA 5 Mg/M3
ACGIH TLV-STEL 10 Mg/M3
For oil mist in air
OSHA-PEL TWA 5Mg/M3
OSHA-PEL-STEL: NOT ESTABLISHED
For oil mist in air

C.A.S. NO: 64742-65-0

PETROLEUM DISTILLATES 15-20
(SOLVENT REFINED HEAVY
NAPHTHENIC)ACGIH TLV-TWA 5 Mg/M3
ACGIH TLV-STEL 10 Mg/M3
For oil mist in air
OSHA-PEL TWA 5Mg/M3
OSHA-PEL-STEL: NOT ESTABLISHED
For oil mist in air

C.A.S. NO: 64741-96-4

ISOBUTANE 1-5

EXPOSURE LIMITS NOT ESTABLISHED BY
OSHA OR ACGIH

C.A.S. NO: 75-28-5

n-AMYL ACETATE 2-3

ACGIH TLV-TWA 100PPM
OSHA-PEL-TWA 500PPM

C.A.S. NO: 628-63-7

N-BUTANE 5-10

ACGIH TLV-TWA 800PPM
OSHA PEL-TWA 800PPM

C.A.S. NO: 106-97-8

PROPANE 10-15

ACGIH TLV-TWA NOT ESTABLISHED
OSHA PEL-TWA 1000PPM
PEL NOT KNOWN

C.A.S. NO: 74-98-6

SOLVENY NAPHTHA (PETROLEUM) 20-25
(HEAVY ALIPHATIC)ACGIH TLV-TWA 100PPM
OSHA-PEL TWA 500PPM
OSHA-PEL-STEL: NOT ESTABLISHED

RECOMMEND USE OF STODDARD SOLVENT
LIMITS AS A GUIDE

C.A.S. NO: 64742-96-7

SULPHONIC ACIDS, 1.7
(PETROLEUM, BARIUM SALTS)

ACGIH TLV-TWA 0.5 Mg/M3
OSHA-PEL-TWA 0.5Mg/M3
(BOTH FOR SOLUBLE COMPOUNDS AS
BARIUM)

C.A.S. NO: 61790-48-5

CABONIC ACIDS (BARIUM SALT) 0.5
C.A.S. NO: 513-77-9

NO DATA AVAILABLE

SECTION III---PHYSICAL DATA FOR MATERIAL.

PHYSICAL STATE:	LIQUID (CONCENTRATE)
COLOUR & APPEARANCE:	OPAQUE AMBER (CONCENTRATE)
ODOUR THRESHOLD (PPM):	N/AV
SPECIFIC GRAVITY:	0.88 (CONCENTRATE)
VAPOUR PRESSURE (MM):	<5 @ 38C (CONCENTRATE)
VAPOUR DENSITY (AIR=1):	4.8 (CONCENTRATE)
EVAPORATION RATE: (Butyl Acetate = 1)	SLOWER THAN ETHER (CONCENTRATE)
BOILING POINT (C):	NOT APPLICABLE
FREEZING POINT:	NOT DETERMINED
SOLUBILITY IN WATER (20C):	NIL
% VOLATILE (BY VOLUME):	35 (concentrate)
PH:	N/AP
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NOT DETERMINED

SECTION IV----FIRE & EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY	YES [X] NO []
IF YES, UNDER WHAT CONDITIONS?	GENERAL CONFLAGRATION
MEANS OF EXTINCTION.	CARBON DIOXIDE, DRY CHEMICAL AND ALCOHOL FOAM
SPECIAL PROCEDURES.	WATER IS INEFFECTIVE AS AN EXTINGUISHING AGENT BUT CAN BE USED TO KEEP CONTAINERS COOL. OVER HEATED CANS WILL EXPLODE. WHEN BURNING, THIS PRODUCT GIVES OFF TOXIC BY- PRODUCTS, THEREFORE, THE BREATHING OF FUMES, SMOKE AND GASSES GIVEN OFF DURING BURNING SHOULD BE AVOIDED.
FLASHPOINT (C) & METHOD.	NOT APPLICABLE
UPPER EXPLOSION LIMIT.	NOT APPLICABLE
LOWER EXPLOSION LIMIT.	NOT APPLICABLE
AUTOIGNITION TEMP. (C)	N/AV
HAZARDOUS COMBUSTION PRODUCTS.	CARBON MONOXIDE PLUS OTHER TOXICS

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT.	NONE KNOWN
SENSITIVITY TO STATIC DISCHARGE.	NONE KNOWN

SECTION V-----REACTIVITY DATA.

CHEMICAL STABILITY	YES [X] NO []
IF NO, UNDER WHAT CONDITIONS.	

INCOMPATIBILITY WITH OTHER SUBSTANCES	YES [X] NO []
IF SO, WHICH ONES?	STRONG OXIDIZING AGENTS

REACTIVITY AND UNDER WHAT CONDITIONS. NONE KNOWN
 HAZARDOUS DECOMPOSITION PRODUCTS. NONE KNOWN
 HAZARDOUS POLYMERIZATION. WILL NOT OCCUR

SECTION VI-----TOXICOLOGICAL PROPERTIES OF MATERIAL.

ROUTE OF ENTRY SKIN CONTACT
 INHALATION ACUTE
 SKIN ABSORPTION
 INHALATION CHRONIC
 EYE CONTACT
 INGESTION

EFFECTS OF ACUTE OVEREXPOSURE TO MATERIAL:
 SKIN CAN CAUSE DEFATTING OF THE SKIN,
 WHICH MAY RESULT IN SKIN
 IRRITATION AND DERMATITIS
 INHALATION CAN CAUSE NASAL AND RESPIRATORY
 IRRITATION, DIZZINESS, WEAKNESS,
 FATIGUE, NAUSEA HEADACHE, NERVOUS
 IRRITABILITY, POSSIBLE
 UNCONSCIOUSNESS AND ASPHYXIATION
 EYES CAN CAUSE INJURY, SEVERE
 IRRITATION, REDNESS, TEARING OR
 BLURRED VISION
 INGESTION ASPIRATION OF LIQUID INTO THE LUNG
 CAN CAUSE CHEMICAL PNEUMONITIS
 WHICH CAN BE FATAL CAN CAUSE
 GASTROINTESTINAL IRRITATION,
 NAUSEA, VOMITING AND DIARRHEA
 EFFECTS OF CHRONIC EXPOSURE TO MATERIAL NONE KNOWN
 LD50 OF MATERIAL (SPECIFY SPECIES & ROUTE) NOT AVAILABLE
 LC50 OF MATERIAL (SPECIFY SPECIES & ROUTE) NOT AVAILABLE
 IRRITANCY OF MATERIAL NONE KNOWN
 EXPOSURE LIMITS NOT DETERMINED
 SYNERGISTIC MATERIALS NONE KNOWN
 SENSITIZATION OF MATERIAL NONE KNOWN
 CARCINOGENICITY, REPRODUCTIVE EFFECTS NONE KNOWN

SECTION VII---PREVENTATIVE MEASURES.

PERSONAL PROTECTIVE EQUIPMENT:
 GLOVES (SPECIFY): WEAR CHEMICAL RESISTANT RUBBER, NEOPRENE,
 VITON GLOVES.
 EYES (SPECIFY): WEAR SAFETY GLASSES OR GOGGLES.
 RESPIRATORY (SPECIFY): NONE REQUIRED
 OTHER (SPECIFY): NONE REQUIRED
 ENGINEERING CONTROLS (SPECIFY): NONE REQUIRED
 LEAK & SPILL PROCEDURE: SUPPLY ADEQUATE VENTILATION. REMOVE
 IGNITION SOURCES FROM SPILL AREA. UTILIZE
 SAND, RAGS, PAPER, VERMICULITE, FLOOR
 ABSORBANT, OR OTHER ABSORBANT AND PLACE IN
 LEAK PROOF DRUM FOR DISPOSAL
 WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH LOCAL &
 FEDERAL REGULATIONS. DO NOT INCINERATE.
 KEEP OUT OF SURFACE WATERS AND SEWERS
 HANDLING PROCEDURES & EQUIPMENT: Wash with soap and water before eating,
 drinking, smoking or using toilet

facilities. Empty containers may retain residues of product; do not cut, puncture or weld on or near the container. Avoid inhalation and use only with adequate ventilation. If employee experiences eye watering, headaches or dizziness, increase fresh air and leave area. Remove contaminated clothing immediately and launder before reuse. Do not take internally.

STORAGE REQUIREMENTS:

KEEP OUT REACH OF CHILDREN. Do not use or store near heat, sparks, open flames or other sources of ignition. Do not store above 50 deg C. EXPOSURE TO DIRECT SUNLIGHT OR OTHER SOURCES OF HEAT MAY CAUSE BURSTING. SHIPPED AS "CONSUMER COMMODITY"

SPECIAL SHIPPING INFO.:

SECTION VIII--FIRST AID MEASURES.

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER, REMOVE ANY CONTACT LENSES IF WORN, & CONTINUE TO FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

SKIN: FLUSH AREA THOROUGHLY WITH SOAP & WATER, IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

INHALATION: IF NECESSARY, MOVE TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN OR POISON CONTROL IMMEDIATELY. ASPIRATION OF PRODUCT CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL

SECTION IX----PREPARATION DATE OF M.S.D.S.

PREPARED BY (GROUP, DEPARTMENT, ETC.)

PHONE NO.

DATE.

905-889-7504

October 23, 1995

REG.AFFAIRS DEPT.

ADDITIONAL NOTES OR REFERENCES.:

FLAME EXTENSION >24 INCHES

N/AP. NOT APPLICABLE

N/AV. NOT AVAILABLE

/msdstri.ae