

MATERIAL SAFETY DATA SHEET

COPELAND LABORATORIES
 4 BLAIR DRIVE
 BRAMPTON, ONTARIO
 L6T 2H5
 TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION: NOT CONTROLLED

MATERIAL REFERENCE NO: 440700

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: MALONE SOAPS - LIQUID HAND SOAP 40% (GREEN)	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: HAND SOAP	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 RAT, ORAL
NOT APPLICABLE				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: OPAQUE GREEN LIQUID; CHARACTERISITIC ODOUR		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY 1.03 - 1.04	VAPOUR PRESSURE (MM) NOT ESTABLISHED
VAPOUR DENSITY (AIR=1) NOT ESTABLISHED	EVAPORATION RATE (WATER=1) <1	SOLUBILITY IN WATER (20 ø C) COMPLETE
BOILING POINT (C) 100 (EST.)	FREEZING POINT (C) 0 (EST.)	% VOLATILE (BY WEIGHT) >50%
pH (100% SOLUTION) 9.0-11.0	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE

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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NO IF YES, UNDER WHICH CONDITIONS:		
MEANS OF EXTINCTION: AS FOR SURROUNDING MATERIALS.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF- CONTAINED BREATHING APPARATUS FOR ALL INDOOR FIRES.		
FLASH POINT (C) AND METHOD: NON-FLAMMABLE		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON FUMES.		
UPPER EXPLOSION LIMIT NOT APPLICABLE	LOWER EXPLOSION LIMIT NOT APPLICABLE	AUTOIGNITION TEMP(C) NOT AVAILABLE
EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT NOT APPLICABLE	RATE OF BURNING NOT APPLICABLE	EXPLOSIVE POWER NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE IF NO, UNDER WHICH CONDITIONS:		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES IF SO, WHICH ONES: STRONG OXIDIZING AND REDUCING AGENTS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NONE KNOWN. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION GIVES OFF CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON FUMES.		

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:		
SKIN CONTACT: NO INHALATION: NO	SKIN ABSORPTION: NO INGESTION: YES	EYE CONTACT: YES

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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY CAUSE IRRITATION, WATERING AND POSSIBLY
INFLAMMATION OF CONJUNCTIVA.
INGESTION-MAY CAUSE NAUSEA, VOMITING.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
PROLONGED AAND REPEATED CONTACT MAY CAUSE DRYING OF SKIN.

LD 50 OF MATL. NOT AVAILABLE	LC 50 OF MATL. NOT AVAILABLE	EXPOSURE LIMIT(S) NOT AVAILABLE	IRRITANCY OF MATL LOW
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SENSITIZATION OF MATERIAL NOT AVAILABLE	SYNERGISTIC MATERIALS NOT AVAILABLE
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CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY
NONE LISTED

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: NONE REQUIRED.
RESPIRATORY: NOT REQUIRED FOR NORMAL USE.
EYE: SAFETY GLASSES WITH SIDE SHIELD.
FOOTWEAR: NO SPECIAL REQUIREMENTS.
CLOTHING: NO SPECIAL REQUIREMENTS.
OTHER: EYE WASH.
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NONE.

LEAK AND SPILL PROCEDURE: CONTAIN SPILL. TRANSFER TO SUITABLE
CONTAINER FOR REUSE OR DISPOSAL. FLUSH RESIDUAL WITH VOLUMES OF
WATER.

WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND
FEDERAL REGULATIONS.

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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN CONTACT-FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
INGESTION-RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING. DRINK MILK OR WATER. CONTACT A PHYSICIAN.

SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS.

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
NOT REGULATED			

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES. RINSE THOROUGHLY AFTER USING.

STORAGE REQUIREMENTS: STORE IN TIGHTLY SEALED CONTAINERS IN A COOL, DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: FEBRUARY 4, 2003

DISCLAIMER:

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