



MATERIAL SAFETY DATA SHEET

KEM CANADA MFG.
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: D2B

MATERIAL REFERENCE NO: 281200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: SUPER FOAM 340	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: MIXTURE
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: MACHINE FOAMING RENOVATOR	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ALCOHOL ETHOXYLATE	1.0-5.0	NOT AVAILABLE	68131-39-5	2000 MG/KG
ALKYL BENZENE-SULPHONIC ACID	1.0-5.0	NOT AVAILABLE	68584-22-5	530 MG/KG
DIPROPYLENE GLYCOL METHYL ETHER	3.0-7.0	100	34590-94-8	5400 μ L/KG
COCOAMIDE DIETHANOLAMIDE	1.0-5.0	NOT AVAILABLE	68603-42-9	12400 μ L/KG
TETRASODIUM EDTA	1.0-5.0	NOT AVAILABLE	64-02-8	NO DATA

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, YELLOW LIQUID; SLIGHT SOLVENT ODOUR.		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY 1.025	VAPOUR PRESSURE (MM) NOT AVAILABLE
VAPOUR DENSITY (AIR=1) > 1	EVAPORATION RATE NOT AVAILABLE	SOLUBILITY IN WATER (20°C) COMPLETE
BOILING POINT (C) NOT AVAILABLE	FREEZING POINT (C) NOT AVAILABLE	% VOLATILE (BY WEIGHT) >85
pH (10% SOLUTION) 7.5-8.0	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: NON-FLAMMABLE	IF YES, UNDER WHICH CONDITIONS:	
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MEANS OF EXTINCTION: CHEMICAL FOAM, CARBON DIOXIDE, WATER FOG		
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SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.		
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FLASH POINT (C) AND METHOD: MINIMUM 100 (TCC)		
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HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, SULPHUR AND NITROGEN, SULPHUR DIOXIDE, HYDROGEN SULPHIDE, ACRID SMOKE AND FUMES.		
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UPPER EXPLOSION LIMIT NOT APPLICABLE	LOWER EXPLOSION LIMIT NOT APPLICABLE	AUTOIGNITION TEMP(C) NOT AVAILABLE
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EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT NOT AVAILABLE	RATE OF BURNING NOT APPLICABLE	EXPLOSIVE POWER NOT APPLICABLE
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SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		
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SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE	IF NO, UNDER WHICH CONDITIONS:	
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
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INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: STRONG OXIDIZING AGENTS, STRONG ACIDS.		
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REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN		
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HAZARDOUS DECOMPOSITION PRODUCTS: HEATING TO DECOMPOSITION CAN EMIT OXIDES OF CARBON, SULPHUR AND NITROGEN, HYDROGEN SULPHIDE, ACRID SMOKE AND FUMES.		
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SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:		
SKIN CONTACT: YES INHALATION: YES	SKIN ABSORPTION: NO INGESTION: YES	EYE CONTACT: YES
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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES-CONTACT MAY CAUSE MODERATE TO SEVERE IRRITATION, POSSIBLE BURNS, REDNESS, WATERING.
SKIN-CONTACT MAY CAUSE IRRITATION, REDNESS, SWELLING, ITCHING.
INHALATION-IF MISTED, CAN CAUSE IRRITATION OF EYES, NOSE AND THROAT, CNS DEPRESSION.
INGESTION-MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT, NAUSEA, VOMITING AND DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

SKIN-IRRITATION OR DERMATITIS MAY OCCUR UPON FREQUENT OR PROLONGED CONTACT.

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	MODERATE

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT AVAILABLE	NOT AVAILABLE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER OR PLASTIC FOR REPEATED CONTACT WITH CONCENTRATE
RESPIRATORY: NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH ORGANIC VAPOUR CARTRIDGES FOR USE IN POORLY VENTILATED OR CONFINED AREAS.

EYE: CHEMICAL GOGGLES IF SPLASHING HAZARD EXISTS.

FOOTWEAR: NO SPECIAL REQUIREMENTS.

CLOTHING: ADEQUATE WORKWEAR TO PROTECT SKIN.

OTHER: EYE WASH AND SAFETY SHOWER

ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS WITHIN ACCEPTABLE LIMITS.

LEAK AND SPILL PROCEDURE: CONTAIN SPILL. PROVIDE VENTILATION.

PREVENT ENTRY INTO SEWERS, STREAMS OR NATURAL WATERWAYS. TRANSFER TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO INERT ABSORBENT AND SCOOP INTO DISPOSAL CONTAINER. FLUSH RESIDUAL TO SEWER WITH VOLUMES OF WATER.

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



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:

EYES-IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF PAIN OR IRRITATION PERSISTS, SEEK MEDICAL ASSISTANCE.
SKIN-REMOVE CONTAMINATED CLOTHING AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OR REDNESS PERSISTS GET MEDICAL ASSISTANCE LAUNDER CLOTHING BEFORE REUSE.
INHALATION-REMOVE TO FRESH AIR IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ASSISTANCE.
INGESTION-DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. GET IMMEDIATE MEDICAL ATTENTION.

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

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME NOT REGULATED	CLASS	UN NO.	PACKING GROUP
HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.			

STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA AWAY FROM INCOMPATIBLES. KEEP CONTAINER CLOSED WHEN NOT IN USE.
KEEP FROM FREEZING.

SPECIAL SHIPPING INFORMATION: HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY 0	REACTIVITY 0	HEALTH 1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVISED: JANUARY 15, 2009 REPLACES: JULY 6, 2006

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