



# 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: B2, C, D1B, D2B

MATERIAL REFERENCE NO: 159500

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEM-O-FOAM	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: CARPET SHAMPOO	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
SODIUM LAURYL   SULPHATE	5.0-10.0	NOT   AVAILABLE	151-21-3	1288 MG/KG
SODIUM SALT OF EDTA	5.0-10.0	NOT   AVAILABLE	64-02-8	NO DATA
SODIUM LAURETH   SULPHATE	3.0-7.0	NOT   AVAILABLE	9004-82-4	1600 MG/KG
ETHANOL	1.0-5.0	1000	64-17-5	7060 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, BLUE LIQUID, BOUQUET ODOUR.		
ODOUR THRESHOLD (PPM)   NOT AVAILABLE	SPECIFIC GRAVITY   1.029	VAPOUR PRESSURE (MM)   760mm AT 100 (C)
VAPOUR DENSITY (AIR=1)   NOT AVAILABLE	EVAPORATION RATE   (WATER = 1) 1.1	SOLUBILITY IN WATER   (20°C) COMPLETE
BOILING POINT (C)   APPROX. 100	FREEZING POINT (C)   NOT AVAILABLE	% VOLATILE (BY WEIGHT)   85
pH (CONCENTRATED)   8.5-9.0	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:		
MEANS OF EXTINCTION: CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER FOG.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-		
CONTAINED BREATHING APPARATUS.		
FLASH POINT (C) AND METHOD: NONE TO BOILING (TCC)		
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, SULPHUR, NITROGEN,		
AMMONIA, SODIUM AND PHOSPHOROUS, HYDROGEN SULPHIDE, ACRID SMOKE AND		
IRRITATING FUMES.		
UPPER EXPLOSION LIMIT   LOWER EXPLOSION LIMIT   AUTOIGNITION TEMP (C)		
NOT APPLICABLE   NOT APPLICABLE   NOT AVAILABLE		
EXPLOSION DATA SENSITIVITY   RATE OF BURNING   EXPLOSIVE POWER		
TO CHEMICAL IMPACT		
NOT AVAILABLE   NOT APPLICABLE   NOT APPLICABLE		
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		

## SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE		
IF NO, UNDER WHICH CONDITIONS:		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: STRONG ACIDS, STRONG OXIDIZING AGENTS, COPPER AND		
ITS ALLOYS. TETRA SODIUM EDTA WILL REACT WITH ALUMINUM AND ZINC TO		
RELEASE FLAMMABLE HYDROGEN.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE		
OXIDES OF CARBON, SULPHUR, NITROGEN, AMMONIA, SODIUM AND PHOSPHOROUS		
HYDROGEN SULPHIDE, ACRID SMOKE AND IRRITATING FUMES.		

## SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:		
SKIN CONTACT: YES SKIN ABSORPTION: YES EYE CONTACT: YES		
INHALATION: YES INGESTION: YES		





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## SECTION VIII - FIRST AID MEASURES

PROCEDURES:  
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.  
SKIN-REMOVE CONTAMINATED CLOTHING AND FLUSH AFFECTED AREA WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. LAUNDRER CLOTHING BEFORE REUSE.  
INHALATION-MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.  
INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE 1-2 GLASSES OF WATER. IF VOMITING OCCURS GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION.

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 AND REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM ACIDS AND OTHER REACTIVE MATERIALS. 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	2

## SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT      TELEPHONE # (905) 456-9444  
REVIEWED:      OCTOBER 4, 2009

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