



# 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: 281500

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: SUPER FOAM 380	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: MIXTURE
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: CONCENTRATED INDUSTRIAL RENOVATOR	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
SODIUM DODECYL	1.0-5.0	NOT	1322-98-1	1260 MG/KG
BENZENE SULPHONATE		AVAILABLE		
SODIUM METASILICATE	5.0-10.0	NONE	6834-92-0	1200 MG/KG
COCOAMPHOPROPIONATE	5.0-10.0	NOT	68784-16-7	NOT
		AVAILABLE		AVAILABLE
2-AMINO-2-METHYL-1-	1.0-5.0			
PROPANOL				
ISOPROPYL ALCOHOL	1.0-5.0	400	67-63-0	5045 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID	
ODOUR AND APPEARANCE: CLEAR, BLUE LIQUID; MILD ALCOHOLIC ODOUR.	
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY
NOT AVAILABLE	1.04
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
> 1	(WATER =1) 1.1
SOLUBILITY IN WATER	
(20°C) COMPLETE	
BOILING POINT (C)	FREEZING POINT (C)
100	NOT AVAILABLE
% VOLATILE (BY WEIGHT)	
87	
pH (10% SOLUTION)	DENSITY (G/ML)
7.5-8.0	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: CHEMICAL FOAM, CARBON DIOXIDE, WATER FOG			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: MINIMUM 100 (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND SULPHUR,			
UNIDENTIFIED ORGANICS. INTENSE FIRE WILL GIVE OFF OXIDES OF			
PHOSPHOROUS AND SILICA.			
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 AVAILABLE			
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE			

## SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: NORMALLY STABLE			
IF NO, UNDER WHICH CONDITIONS: HIGH TEMPERATURES			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG ACIDS, STRONG OXIDIZING AND REDUCING			
AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN GIVE			
OXIDES OF CARBON AND SULPHUR.			

## 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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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:  
EYES-CONTACT MAY CAUSE IRRITATION, WATERING, POSSIBLE  
CONJUNCTIVITIS.  
SKIN-CONTACT MAY CAUSE IRRITATION, ITCHING, TINGLING SENSATION,  
SWELLING IN SOME INDIVIDUALS.  
INHALATION-IF MISTED, CAUSES IRRITATION OF MUCOUS MEMBRANES,  
COUGHING, AND DIFFICULTY IN BREATHING.  
INGESTION-MAY CAUSE IRRITATION OF LIPS, MOUTH AND THROAT, 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: NOT NORMALLY REQUIRED  
EYE: CHEMICAL GOGGLES IF CONTACT WITH EYES IS LIKELY.  
FOOTWEAR: ADEQUATE TO PROTECT SKIN.  
CLOTHING: ADEQUATE TO PROTECT SKIN.  
OTHER: EYE WASH AND SAFETY SHOWER  
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): GENERAL  
IS SUFFICIENT.

LEAK AND SPILL PROCEDURE: SMALL SPILLS-FLUSH TO SEWER WITH VOLUMES  
OF WATER.  
LARGE SPILLS-CONTAIN SPILL. PUMP TO CONTAINER FOR RECLAIM OR  
DISPOSAL. FLUSH REMAINING RESIDUE 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 15 |  
| MINUTES. IF PAIN OR IRRITATION PERSIST, SEEK MEDICAL ASSISTANCE. |  
| INGESTION-IF SWALLOWED INDUCE VOMITING BY GIVING ONE OR TWO GLASSES |  
| OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY |  
| MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. |  
| SKIN-FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION OR REDNESS |  
| PERSIST GET MEDICAL ASSISTANCE. |  
| INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE |  
| OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION AND THEN |  
| GIVE OXYGEN. GET MEDICAL ASSISTANCE. |  
| |

| 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 SKIN. |  
| RINSE 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	REACTIVITY	HEALTH
0	0	1

## SECTION XI - PREPARATION DATE OF MSDS

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

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