



# 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: D2A, D2B

MATERIAL REFERENCE NO: 131500

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: FOAMY 87	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: INDUSTRIAL RENOVATOR	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
TRISODIUM NITRIL-   TRIACETATE (NTA)	1.0-5.0	NOT   AVAILABLE	18662-53-8	1100 MG/KG
SODIUM LAURYL   SULPHATE	5.0-10.0	NOT   AVAILABLE	151-21-3	1288 MG/KG
DIPROPYLENE GLYCOL   METHYL ETHER	1.0- 5.0	100	34590-94-8	5400 uL/KG
ISOPROPANOL	1.0-5.0	400	67-63-0	5045 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR, PINK LIQUID, BOUQUET ODOUR.			
ODOUR THRESHOLD (PPM)		SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE		1.005	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)		EVAPORATION RATE	SOLUBILITY IN WATER
NOT AVAILABLE		NOT AVAILABLE	(20øC) COMPLETE
BOILING POINT (C)		FREEEZING POINT (C)	% VOLATILE (BY WEIGHT)
APPROX. 100		APPROX. 0	95
pH (CONCENTRATED)		DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
10.5-11.0		NOT APPLICABLE	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: AS FOR SURROUNDING MATERIALS			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN, SULPHUR			
AND SODIUM, HYDROGEN SULPHIDE, ACRID SMOKE AND FUMES.			
UPPER EXPLOSION LIMIT   LOWER EXPLOSION LIMIT   AUTOIGNITION TEMP (C)			
NOT AVAILABLE   NOT AVAILABLE   NOT AVAILABLE			
EXPLOSION DATA SENSITIVITY   RATE OF BURNING   EXPLOSIVE POWER			
TO CHEMICAL IMPACT			
NOT AVAILABLE   NOT AVAILABLE   NOT AVAILABLE			
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 OXIDIZING AGENTS, STRONG ACIDS			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN PRODUCE			
OXIDES OF CARBON, NITROGEN, SULPHUR AND SODIUM, HYDROGEN SULPHIDE,			
ACRID SMOKE AND 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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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:  
EYES-CONTACT MAY CAUSE MODERATE IRRITATION.  
SKIN-CONTACT MAY CAUSE IRRITATION WITH DISCOMFORT, LOCAL REDNESS,  
POSSIBLE SWELLING.  
INHALATION-OF HIGH CONCENTRATIONS OF MIST OR VAPOUR MAY IRRITATE  
MUCOUS MEMBRANES, AND CAUSE IRRITATION OF MOUTH, NOSE AND THROAT.  
INGESTION-MAY CAUSE GASTRO-INTESTINAL IRRITATION, NAUSEA, VOMITING,  
AND DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:  
EYES-REPEATED CONTACT MAY CAUSE CONJUNCTIVITIS AND CORNEAL DAMAGE.

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

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT AVAILABLE	NOT AVAILABLE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:  
NONE LISTED

## SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: IMPERVIOUS FOR HANDLING CONCENTRATED MATERIAL.  
RESPIRATORY: NOT NORMALLY REQUIRED  
EYE: SAFETY GOGGLES IF MISTING OCCURS.  
FOOTWEAR: NO SPECIAL REQUIREMENTS  
CLOTHING: NO SPECIAL REQUIREMENTS  
OTHER: EYE WASH AND SAFETY SHOWER  
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE  
LOCAL VENTILATION IN CONFINED OR POORLY VENTILATED AREA.

LEAK AND SPILL PROCEDURE: CONTAIN SPILL. TRANSFER TO SUITABLE  
CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO  
INERT ABSORBANT AND SCOOP INTO DISPOSAL CONTAINER. FLUSH RESIDUAL  
WITH VOLUMES OF WATER.

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



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## SECTION VIII - FIRST AID MEASURES

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| PROCEDURES: |  
| EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING |  
| EYELIDS OPEN. 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. LAUNDER CLOTHING BEFORE REUSE. |  
| INHALATION-MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT |  
| ADMINISTER OXYGEN. IF NOT BREATHING, APPLY ARTIFICIAL RESPIRATION |  
| AND GIVE OXYGEN. CONTACT A PHYSICIAN. |  
| INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. NEVER GIVE FLUIDS TO |  
AN UNCONSCIOUS OR CONVULSING PERSON. GET MEDICAL ATTENTION.
SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS
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ADDITIONAL INFORMATION: NONE

## SECTION IX - TDG SHIPPING INFORMATION

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| SHIPPING NAME | CLASS | UN NO. | PACKING GROUP |  
| NOT REGULATED | | | |  
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| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES, SKIN |  
AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.
STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA
AWAY FROM INCOMPATIBLE MATERIALS. KEEP FROM FREEZING. KEEP CONTAINER
CLOSED WHEN NOT IN USE.
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SPECIAL SHIPPING INFORMATION: HEATED

## SECTION X - HMIS HAZARD RATING INFORMATION

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| FLAMMABILITY | REACTIVITY | HEALTH |  
| 1 | 0 | 2 |  
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## SECTION XI - PREPARATION DATE OF MSDS

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| PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444 |  
REVIEWED: OCTOBER 2, 2009

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