

## 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, E

MATERIAL REFERENCE NO: 131200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: FOAMOX	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ACID BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: THIXOTROPIC FOAMING BATHROOM CLEANER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
PHOSPHORIC ACID	5.0-10.0	1 MG/K3	7664-38-2	1530 MG/KG
NONYL PHENOL	1.0-5.0	NOT	9016-45-9	2500 ML/KG
ETHOXYLATE		AVAILABLE		

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: CLEAR, AMBER LIQUID; CHERRY ODOUR
ODOUR THRESHOLD (PPM)   SPECIFIC GRAVITY   VAPOUR PRESSURE (MM)
NOT ESTABLISHED   1.05-1.07   NOT AVAILABLE
VAPOUR DENSITY (AIR=1)   EVAPORATION RATE   SOLUBILITY IN WATER
NOT AVAILABLE   NOT AVAILABLE   (20°C) COMPLETE
BOILING POINT (C)   FREEZING POINT (C)   VOLATILE (BY WEIGHT)
100   NOT AVAILABLE   85
pH (10% SOLUTION)   DENSITY (G/ML)   COEF.OF WATER/OIL DISTR
3.0   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 APPROPRIATE FOR SURROUNDING MATERIALS.

| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-  
| CONTAINED BREATHING APPARATUS. VOLATILE VAPOURS ARE CORROSIVE.

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| FLASH POINT (C) AND METHOD: NONE

| HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,  
| UNDEFINED ORGANICS

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| 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:

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| INCOMPATIBILITY TO OTHER SUBSTANCES: YES

| IF SO, WHICH ONES: STRONG ALKALIES,

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| REACTIVITY AND UNDER WHAT CONDITIONS: WILL PRODUCE LARGE AMOUNT OF  
| HEAT WHEN MIXED WITH STRONG ALKALIES.

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| HAZARDOUS DECOMPOSITION PRODUCTS: UNDEFINED ORGANICS

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SECTION VI - HEALTH HAZARD DATA

| ROUTE OF ENTRY:

| SKIN CONTACT: YES SKIN ABSORPTION: YES EYE CONTACT: YES  
| INHALATION: YES INGESTION: YES

MATERIAL REFERENCE NO: 131200

|EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

|EYES-CONTACT MAY CAUSE IRRITATION, INFLAMMATION AND POSSIBLE BURNS,  
|INTENSE WATERING.  
|SKIN-CONTACT MAY CAUSE IRRITATION AND POSSIBLE BURNS.  
|INHALATION-MAY CAUSE IRRITATION OF NOSE, EYES AND THROAT, COUGHING,  
|DIZZINESS, NAUSEA, DIFFICULTY IN BREATHING.  
|INGESTION-MAY CAUSE IRRITATION AND BURNING SENSATION OF LIPS, MOUTH  
|AND THROAT, PAIN IN SWALLOWING, GASTRO-INTESTINAL IRRITATION,  
|ABUNDANT SALIVATION, STOMACH CRAMPS, NAUSEA, VOMITING.

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

|EYES-ULCERATION OF EYES, OPAQUENESS OF CORNEA, LOSS OF SIGHT.  
|SKIN-MAY CAUSE IRREPARABLE DAMAGE TO TISSUES, SHOCK.  
|INHALATION-MAY CAUSE CHEMICAL BRONCHITIS.  
|INGESTION-MAY CAUSE RISK OF STOMACH PERFORATION, STATE OF SHOCK,  
|UNCONSCIOUSNESS.

|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  
| RESPIRATORY: NONE FOR NORMAL USE  
| EYE: FACE SHIELD OR CHEMICAL GOGGLES  
| FOOTWEAR: RUBBER  
| CLOTHING: RUBBER APRON  
| OTHER: EYE WASH AND SAFETY SHOWER  
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL  
| IS SUFFICIENT.

|LEAK AND SPILL PROCEDURE: SMALL SPILLS-FLUSH TO SEWER WITH LARGE  
|VOLUMES OF WATER.

|LARGE SPILLS-CONTAIN SPILL. TRANSFER TO PLASTIC DRUM FOR RECLAIM OR  
|DISPOSAL. NEUTRALIZE REMAINING MATERIAL CAREFULLY WITH LIMESTONE OR  
|SODA ASH. SCOOP INTO DISPOSAL CONTAINER. FLUSH RESIDUAL 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-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL  
| ASSISTANCE.

| SKIN-REMOVE CONTAMINATED CLOTHING AND FLUSH AFFECTED AREA WITH  
| RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK  
| MEDICAL ASSISTANCE. LAUNDER CLOTHING BEFORE REUSE.

| INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,  
| ADMINISTER OXYGEN. IF NOT BREATHING, APPLY ARTIFICIAL RESPIRATION  
| AND THEN GIVE OXYGEN. CONTACT A PHYSICIAN.

| INGESTION-DO NOT INDUCE VOMITING. GIVE WATER OR MILK. DO NOT GIVE  
| FLUIDS IF VICTIM IS UNCONSCIOUS OR CONVULSING. 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
CORROSIVE LIQUIDS, N.O.S. (PHOSPHORIC ACID)	8	1760	III

| HANDLING PROCEDURES AND EQUIPMENT: DO NOT GET ON EYES, SKIN OR  
| CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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

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| SPECIAL SHIPPING INFORMATION: HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	1	2

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT                    TELEPHONE # (905) 456-9444

| REVIEWED: OCTOBER 2, 2009

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