



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: NOT CONTROLLED

MATERIAL REFERENCE NO: 728200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KT # 282	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: INORGANIC SALTS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: CLOSED SYSTEM CORROSION INHIBITOR	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM MOLYBDATE	1.0-5.0	3 MG/M3	10102-40-6	4233 MG/KG
TETRAPOTASSIUM PYROPHOSPHATE	1.0-5.0	NO DATA	7320-34-5	2444 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, BLUE LIQUID; SLIGHT ODOUR.		
ODOUR THRESHOLD (PPM)		
NOT AVAILABLE	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
	1.026	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT AVAILABLE	NOT AVAILABLE	(20°C) SOLUBLE
BOILING POINT (C)	MELTING POINT (C)	% VOLATILE (BY WEIGHT)
>100	NOT AVAILABLE	>90
pH (100% SOLUTION)	DENSITY (KG/M3)	COEF.OF WATER/OIL DISTR
10.8-11.8	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 GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
FLASH POINT (C) AND METHOD: NONE
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, PHOSPHOROUS, SODIUM AND POTASSIUM.
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP(C) NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER TO CHEMICAL IMPACT NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE
IF NO, UNDER WHICH CONDITIONS:
INCOMPATIBILITY TO OTHER SUBSTANCES: STRONG OXIDIZING AGENTS, STRONG ACIDS, REDUCING AGENTS.
REACTIVITY AND UNDER WHAT CONDITIONS: NO DATA AVAILABLE.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON.

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:
SKIN CONTACT: NO SKIN ABSORPTION: NO EYE CONTACT: YES INHALATION: YES INGESTION: YES



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
|EYES-CONTACT CAN CAUSE IRRITATION.
|SKIN-CONTACT MAY CAUSE MILD IRRITATION.
|INHALATION-EXCESSIVE BREATHING OF MISTS OR VAPOURS MAY CAUSE
|RESPIRATORY TRACT IRRITATION.
|INGESTION-CAN CAUSE IRRITATION OF MOUTH, THROAT AND STOMACH, NAUSEA,
|VOMITING, DIARRHEA.
|
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|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
|AS FOR ACUTE EFFECTS.
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|LD 50 OF MATL. |LC 50 OF MATL. |EXPOSURE LIMIT(S)|IRRITANCY OF MATL
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | IRRITANT

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS
| NOT AVAILABLE | NOT AVAILABLE

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
|NONE KNOWN
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|

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT:
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| GLOVES: IMPERVIOUS RECOMMENDED (RUBBER)
| RESPIRATORY: AIR-PURIFYING RESPIRATOR IF MISTING OCCURS.
| EYE: SAFETY GLASSES
| FOOTWEAR: NO SPECIAL REQUIREMENTS
| CLOTHING: ADEQUATE TO PREVENT CONTACT WITH SKIN.
| OTHER: EYE WASH AND SAFETY SHOWER
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NONE FOR
| NORMAL USE. PROVIDE LOCAL VENTILATION AS NECESSARY TO MAINTAIN
| AIRBORNE CONCENTRATIONS WITHIN RECOMMENDED LIMITS.

|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. TRANSFER TO SUITABLE
|CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO
|NON COMBUSTIBLE ABSORBANT AND SCOOP CONTAINER FOR DISPOSAL. FLUSH



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:

|EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING
|EYELIDS OPEN. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

|SKIN- REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY
|WITH SOAP AND WATER. IF IRRITATION OR REDNESS DEVELOPS, GET MEDICAL
|ATTENTION. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

| INHALATION-MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE
| OXYGEN. GET MEDICAL ATTENTION.

|INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. RINSE MOUTH WITH
|WATER. DO NOT GIVE LIQUIDS 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
NOT REGULATED			

| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

| STORAGE REQUIREMENTS:

STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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| SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	1

SECTION XI - PREPARATION DATE OF MSDS

DISCLAIMER:

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