



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

MATERIAL REFERENCE NO: 534500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET SB-345	
CHEMICAL NAME: SODIUM SULPHITE SOL'N CHEMICAL FAMILY: INORGANIC SALT	
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: OXYGEN SCAVENGER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS	APPROX.	TLV	C.A.S.	LD 50
INGREDIENTS	% CONCENT.	MG/M3	NUMBERS	ORAL, MOUSE
SODIUM SULPHITE	10.0-30.0	5	7757-83-7	820 MG/KG
				2610 MG/KG
				(ORAL, RAT)

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR LIQUID, STRAW COLOUR, SLIGHT SULPHUR			
ODOUR.			
ODOUR THRESHOLD (PPM)			
NOT ESTABLISHED			
SPECIFIC GRAVITY			
1.021			
VAPOUR PRESSURE (MM)			
NOT AVAILABLE			
VAPOUR DENSITY (AIR=1)			
NOT APPLICABLE			
EVAPORATION RATE			
(WATER-1) 1			
SOLUBILITY IN WATER			
(20øC) COMPLETE			
BOILING POINT (C)			
100			
FREEZING POINT (C)			
NOT AVAILABLE			
% VOLATILE (BY WEIGHT)			
<90			
pH (10% SOLUTION)			
8.6-8.7			
DENSITY			
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: WATER, DRY CHEMICAL, FOAM, CARBON DIOXIDE			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS. THIS PRODUCT IS NON-COMBUSTIBLE, BUT			
UNDER FIRE CONDITIONS IT MAY DECOMPOSE TO GIVE OFF SULFUR DIOXIDE.			
FLASH POINT (C) AND METHOD: NONE			
HAZARDOUS COMBUSTION PRODUCTS: SULFUR DIOXIDE, SODIUM SULPHIDE			
RESIDUES.			
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			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDIZERS AND ACIDS, SODIUM NITRATE,			
SODIUM NITRITE.			
REACTIVITY AND UNDER WHAT CONDITIONS:			
CONTACT WITH ACIDS PRODUCES SULFUR DIOXIDE.			
HAZARDOUS DECOMPOSITION PRODUCTS: SULFUR DIOXIDE GAS, SODIUM			
SULPHIDE RESIDUES.			

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-CAUSES IRRITATION. MAY CAUSE BURNS. |
|SKIN-CAUSES IRRITATION. |
|INHALATION-OF MIST MAY IRRITATE NOSE, THROAT AND LUNGS. |
|INGESTION-MAY CAUSE SEVERE ALLERGIC REACC |
|EFFECTS OF ACUTE ROSTO ANAA57193()-3.57193()-57193()R3ZLN |
|INCALATION-N-N-N-N-N-N-N-N-N-N-N-NIRRITA R |

RRITL

R

|

-3.7193(G)-3.C)-3.54CR3.5757193()-3CCL
-3.5734(U)-3.5734.5734(I)-3.5734(R)-3.57487(R)-3.57193(I)-3.57193(T)--3.571933.57193(-)-3.57193(-)-3.57



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR 15 MINUTES |
| HOLDING EYELIDS OPEN. GET MEDICAL ASSISTANCE. |
| SKIN-REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY |
| WITH WATER FOR 15 MINUTES. WASH CLOTHING BEFORE REUSE. GET MEDICAL |
| ASSISTANCE. |
| INHALATION-REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT |
| GIVE OXYGEN. GET MEDICAL ASSISTANCE. |
| INGESTION-DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. DO |
| NOT GIVE FLUIDS IF VICTIM IS UNCONSCIOUS OR CONVULSING. GET |
| IMMEDIATE MEDICAL ASSISTANCE. |
| NOTE TO PHYSICIAN-THERE IS NO SPECIAL ANTIDOTE. TREATMENT SHOULD BE |
| DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION. |

| 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. |
| WASH THOROUGHLY AFTER HANDLING. |

| STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA |
| AWAY FROM OXIDIZERS AND ACIDS. KEEP CONTAINER SEALED WHEN NOT IN |
| USE. KEEP FROM FREEZING. RECOMMENDED SHELF LIFE IS 6 MONTHS. |

| SPECIAL SHIPPING INFORMATION: KEEP FROM FREEZING. |

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 10, 2009 |

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