



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 INGREDIENTS	APPROX. % CONCENT.	TLV MG/M3	C.A.S. NUMBERS	LD 50 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) SPECIFIC GRAVITY VAPOUR PRESSURE (MM)
NOT ESTABLISHED 1.021 NOT AVAILABLE
VAPOUR DENSITY (AIR=1) EVAPORATION RATE SOLUBILITY IN WATER
NOT APPLICABLE (WATER-1) 1 (20°C) COMPLETE
BOILING POINT (C) FREEZING POINT (C) % VOLATILE (BY WEIGHT)
100 NOT AVAILABLE <90
pH (10% SOLUTION) DENSITY COEF.OF WATER/OIL DISTR
8.6-8.7 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: 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.

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|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 REACTIONS.

EFFEFTS OF ACUTE ROSTO ANAA57193()-3.57193()-57193()R3ZLN

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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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