



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: B6, D2B

MATERIAL REFERENCE NO: 271000

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: SPOT BEGONE	
CHEMICAL NAME: MIXTURE	CHEMICAL FAMILY: MIXTURE
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: STAIN REMOVER POWDER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV MG/M3	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM HYDROSULFITE	40.0-70.0	NO DATA	7775-14-6	4090 MG/KG
SODIUM METABISULFITE	40.0-70.0	5	7681-57-4	2000 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: POWDER		
ODOUR AND APPEARANCE: OFF-WHITE POWDER; SLIGHT SULPHUR DIOXIDE ODOUR		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT ESTABLISHED	(WATER=1) 1.72	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT APPLICABLE	NOT APPLICABLE	(20°C) INCOMPLETE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
NOT APPLICABLE	NOT APPLICABLE	<1
pH (10% SOLUTION)	DENSITY	COEF.OF WATER/OIL DISTR
NOT ESTABLISHED	NOT APPLICABLE	NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NON-FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS: SODIUM HYDROSULPHITE CAN			
SPONTANEOUSLY COMBUST. CONTACT WITH SMALL AMOUNTS OF WATER CAN CAUSE			
A FIRE OR IGNITE NEARBY COMBUSTIBLE MATERIALS.			
MEANS OF EXTINCTION: CARBON DIOXIDE, SAND.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED			
BREATHING APPARATUS. (DO NOT USE WATER, CO2 OR FOAM) SODIUM			
HYDROSULPHITE CAN SPONTANEOUSLY COMBUST, IS A FIRE RISK IN CONTACT			
WITH MOISTURE, AND IS A FLAMMABLE SOLID.			
FLASH POINT (C) AND METHOD: NONE			
HAZARDOUS COMBUSTION PRODUCTS: SULFUR DIOXIDE, SODIUM SULPHIDE			
RESIDUE, SODIUM OXIDE.			
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: NORMALLY STABLE			
IF NO, UNDER WHICH CONDITIONS: MOISTURE, TEMPERATURES ABOVE 112 (F).			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDIZERS, ACIDS, SODIUM CHLORITE.			
REACTIVITY AND UNDER WHAT CONDITIONS:			
CONTACT WITH ACIDS WILL LIBERATE IRRITATING AND POTENTIALLY FATAL			
SULPHUR DIOXIDE GAS.			
HAZARDOUS DECOMPOSITION PRODUCTS: SULFUR DIOXIDE GAS, SODIUM			
OXIDE.			

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-SEVERE IRRITATION, BURNING SENSATION, REDNESS, WATERING,
ITCHING. PROLONGED OR REPEATED EXPOSURES MAY BURN THE EYES.
SKIN-CONTACT CAN CAUSE MODERATE IRRITATION.
INHALATION-MAY IRRITATE UPPER RESPIRATORY TRACT. MAY CAUSE SEVERE
ALLERGIC REACTIONS IN SOME ASTHMATICS AND SULPHITE SENSITIVE
INDIVIDUALS.
INGESTION-MAY CAUSE IRRITATION OF MOUTH AND GASTROINTESTINAL TRACT,
NAUSEA, VOMITING AND DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: AS FOR ACUTE EFFECTS.
NO SPECIFIC DATA IS AVAILABLE.

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, TERATOGENECITY, MUTAGENICITY:
NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER.
RESPIRATORY: DUST MASK IF DUSTING OCCURS.
EYE: CHEMICAL GOGGLES
FOOTWEAR: RUBBER BOOTS.
CLOTHING: LONG-SLEEVED SHIRT, TROUSERS, RUBBER APRON.
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL
MECHANICAL EXHAUST VENTILATION TO MINIMIZE DUST.

LEAK AND SPILL PROCEDURE: WEAR RECOMMENDED PERSONAL PROTECTIVE
EQUIPMENT. SWEEP OR SHOVEL UP AND PLACE IN APPROPRIATE CONTAINER FOR
REUSE OR DISPOSAL. KEEP OUT OF SEWERS, STORM DRAINS, WATERWAYS.

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



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SECTION VIII - FIRST AID MEASURES

PROCEDURES: EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. WASH CONTAMINATED CLOTHING BEFORE REUSE.
INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF PERSON IS NOT BREATHING. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.
INGESTION-DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. 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.	PG
FLAMMABLE SOLID, INORGANIC, N.O.S. (SODIUM HYDROSULPHITE)	4.2	3178	II

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 INCOMPATIBLES. KEEP CONTAINER SEALED WHEN NOT IN USE TO PREVENT MOISTURE CONTAMINATION.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	2	2

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: OCTOBER 4, 2009

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