



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 148300

SECTION I - MATERIAL IDENTIFICATION AND USE

— MATERIAL NAME/I.D. K-205 —
— CHEMICAL NAME NOT APPLICABLE — CHEMICAL FAMILY MIXTURE —
— CHEMICAL FORMULA MIXTURE — MOLECULAR WEIGHT NOT APPLICABLE —
— SYNONYMS NONE —
— MATERIAL USE POWDERED HAND SOAP —

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
NOT APPLICABLE				

SECTION III - PHYSICAL DATA FOR MATERIAL

— PHYSICAL STATE POWDER —

— ODOUR AND APPEARANCE OFF WHITE, YELLOW POWDER CHARACTERISTIC SOAP ODOUR. —

ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	NOT APPLICABLE	NONE
VAPOUR DENSITY (AIR 1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT APPLICABLE	NON VOLATILE	(20 C) COMPLETE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
NOT APPLICABLE	NOT APPLICABLE	0
pH (1.0% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
NOT AVAILABLE	NOT AVAILABLE	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, CARBON DIOXIDE —
— SPECIAL PROCEDURES AS FOR SURROUNDING MATERIALS. —
—
—
— FLASH POINT (C) AND METHOD NONE —
— HAZARDOUS COMBUSTION PRODUCTS NONE KNOWN —
—
—
— UPPER EXPLOSION LIMIT — LOWER EXPLOSION LIMIT — AUTOIGNITION TEMP (C) —
— NOT APPLICABLE — NOT APPLICABLE — NONE —
— EXPLOSION DATA SENSITIVITY — RATE OF BURNING — EXPLOSIVE POWER —
— TO CHEMICAL IMPACT —
— NOT APPLICABLE — NOT APPLICABLE — NOT AVAILABLE —
— SENSITIVITY TO STATIC DISCHARGE NOT AVAILABLE —

SECTION V - REACTIVITY DATA

— CHEMICAL STABILITY STABLE —
— IF NO, UNDER WHICH CONDITIONS —
— INCOMPATIBILITY TO OTHER SUBSTANCES YES —
— IF SO, WHICH ONES ELEMENTAL ZIRCONIUM —
— REACTIVITY AND UNDER WHAT CONDITIONS NOT KNOWN —
— HAZARDOUS POLYMERIZATION WILL NOT OCCUR —
— HAZARDOUS DECOMPOSITION PRODUCTS NONE KNOWN —

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-CONTACT MAY CAUSE IRRITATION. —
— INHALATION-MAY CAUSE SLIGHT NASAL IRRITATION. —
— INGESTION-MAY CAUSE NAUSEA, VOMITING, DIARRHEA OR ERYTHEMACOUS FLUSH —
— SKIN-PROLONGED EXPOSURE MAY CAUSE IRRITATION. —

— EFFECTS OF CHRONIC EXPOSURE TO MATERIAL —
— NONE KNOWN —

— LD 50 OF MATL. — LC 50 OF MATL. — EXPOSURE LIMIT(S) — IRRITANCY OF MATL —
— NOT AVAILABLE — NOT AVAILABLE — NOT APPLICABLE — LOW —

— SENSITIZATION OF MATERIAL — SYNERGISTIC MATERIALS —
— NOT AVAILABLE — NOT AVAILABLE —

— CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY —
— NONE KNOWN —

SECTION VII - PREVENTIVE MEASURES

— PERSONAL PROTECTIVE EQUIPMENT —

— GLOVES NOT NORMALLY REQUIRED —
— RESPIRATORY NOT NORMALLY REQUIRED —
— EYE NOT NORMALLY REQUIRED —
— FOOTWEAR NO SPECIAL REQUIREMENTS —
— CLOTHING NO SPECIAL REQUIREMENTS —
— OTHER EYE WASH AND SAFETY SHOWER —
— ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS) NOT —
— NORMALLY REQUIRED. —

— LEAK AND SPILL PROCEDURE SWEEP UP AND PLACE IN CONTAINER FOR —
— RECLAIM OR DISPOSAL. FLUSH CONTAMINATED AREA WITH VOLUMES OF WATER. —

— WASTE DISPOSAL SMALL SPILLS-DISPOSE WITH MUNICIPAL GARBAGE. —
— LARGE SPILLS-DISPOSE IN CHEMICAL DUMP SITE IN ACCORDANCE WITH LOCAL, —
— PROVINCIAL AND MUNICIPAL REGULATIONS. —



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SECTION VIII - FIRST AID MEASURES

- PROCEDURES -----
- EYES-FLUSH WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION -----
- PERSISTS, GET MEDICAL ASSISTANCE. -----
- SKIN-FLUSH WITH RUNNING WATER. -----
- INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF CONDITION -----
- PERSISTS. -----
- INGESTION-RINSE MOUTH WITH WATER. DRINK MILK OR WATER. DO NOT GIVE -----
- ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET 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 RINSE THOROUGHLY AFTER USE. -----

- STORAGE REQUIREMENTS STORE IN A COOL, DRY AREA. KEEP CONTAINER -----
- WELL SEALED WHEN NOT IN USE. -----

- SPECIAL SHIPPING INFORMATION NONE -----

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 4, 2009 -----

DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE INFORMATION.