



## 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 — APPROX. — TLV — C.A.S. — LD 50 —  
— INGREDIENTS — % CONCENT — PPM — NUMBERS — ORAL, RAT —

NOT APPLICABLE

### SECTION III - PHYSICAL DATA FOR MATERIAL

— PHYSICAL STATE POWDER

— 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 ERYTHEMAMOUS FLUSH
- SKIN-PROLONGED EXPOSURE MAY CAUSE IRRITATION.

— EFFECTS OF CHRONIC EXPOSURE TO MATERIAL  
— NONE KNOWN

— 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

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- 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.

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

—

—

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- 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 — TELPHONE # (905) 456-9444 —  
— REVIEWED OCTOBER 4, 2009 —

DISCLAIMER

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