

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 D1A, D2B

MATERIAL REFERENCE NO: 101500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: CARPET EXTRACTOR SHAMPOO	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: CARPET SHAMPOO	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM METASILICATE	1.0-5.0	NONE	6834-92-0	770 MG/KG
SODIUM DODECYL BENZENE SULFONATE	1.0-5.0	10 MG/M3	25255-30-0	1280 MG/KG
2-BUTOXYETHANOL	3.0-7.0	25 PPM	111-76-2	1480 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: BLUISH GREEN LIQUID, TYPICAL MILD ODOUR		
ODOUR THRESHOLD (PPM) NOT ESTABLISHED	SPECIFIC GRAVITY 1.060	VAPOUR PRESSURE (MM) NOT ESTABLISHED
VAPOUR DENSITY (AIR=1) NOT ESTABLISHED	EVAPORATION RATE SAME AS WATER	SOLUBILITY IN WATER (20°C) COMPLETE
BOILING POINT (C) 100 ESTIMATED	FREEZING POINT (C) 0 ESTIMATED	% VOLATILE (BY VOLUME) > 80
pH (100% SOLUTION) 12.6	DENSITY (G/ML) 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: AS APPROPRIATE FOR SURROUNDING FIRE

| SPECIAL PROCEDURES: NONE APPLICABLE
|
|

| FLASH POINT (C) AND METHOD: NON-COMBUSTIBLE

| HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, PHOSPHOROUS AND
| SILICA, UNIDENTIFIED ORGANIC COMPOUNDS.

| UPPER EXPLOSION LIMIT | LOWER EXPLOSION LIMIT | AUTOIGNITION TEMP(C)
| NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE

| EXPLOSION DATA SENSITIVITY | RATE OF BURNING | EXPLOSIVE POWER
| TO CHEMICAL IMPACT | |
| NOT AVAILABLE | NOT APPLICABLE | NOT APPLICABLE

| SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE

SECTION V - REACTIVITY DATA

| CHEMICAL STABILITY: STABLE
| IF NO, UNDER WHICH CONDITIONS:
| HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

| INCOMPATIBILITY TO OTHER SUBSTANCES: YES
| IF SO, WHICH ONES: STRONG OXIDIZING AGENTS, ACIDS.
|

| REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED
|
|

| HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE
| OFF OXIDES OF CARBON, PHOSPHOROUS AND SILICA, UNIDENTIFIED ORGANICS|

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 CAN CAUSE IRRITATION.

|SKIN-CONTACT CAN CAUSE IRRITATION, REDNESS, ITCHING.

|INHALATION-EXCESSIVE INHALATION OF VERY HIGH CONCENTRATIONS MAY
| CAUSE HEADACHES, DIZZINESS.

|INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

|MAY CAUSE DRYING OF THE SKIN.

|CONTAINS 2-BUTOXYETHANOL-A HEMOLYTIC AGENT CHARACTERIZED BY A
|REDUCTION OF RED BLOOD CELLS AND POSSIBLE BLOOD IN THE URINE.

|LD 50 OF MATL. |LC 50 OF MATL. |EXPOSURE LIMITS|IRRITANCY OF MATL
|17.4 G/KG(CALC) |RAT 4HR/11,364PPM|NOT ESTABLISHED| MODERATE

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS
| NOT AVAILABLE | NOT AVAILABLE

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:

| NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: GLOVES & GLASSES IF USING CONCENTRATE|

| GLOVES: RUBBER / VINYL / PVA

|RESPIRATORY: NOT REQUIRED FOR NORMAL USE

| EYE: SAFETY GOGGLES

| FOOTWEAR: NO SPECIAL REQUIREMENTS.

| CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN.

| OTHER: EYEWASH AND SAFETY SHOWER.

|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL
| FOR CONFINED SPACES.

|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. PROVIDE ADEQUATE

|VENTILATION. TRANSFER TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL.

|ABSORB RESIDUAL ONTO INERT ABSORBENT AND SCOOP INTO DISPOSAL CONT.

|FLUSH RESIDUAL WITH LARGE VOLUME OF WATER.

|WASTE DISPOSAL:

|DISPOSE OF THROUGH A LICENSED DISPOSAL FACILITY IN ACCORDANCE WITH
|LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES:
| EYE CONTACT-FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15
| MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
| SKIN CONTACT-FLUSH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION
| PERSISTS, SEEK MEDICAL ATTENTION.
| INGESTION-DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DRINK
| MILK OR WATER. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
| VICTIM. GET MEDICAL ATTENTION IMMEDIATELY.
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| 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 PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
|

| SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	2

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
| REVIEWED: OCTOBER 1, 2009

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