

MATERIAL SAFETY DATA SHEET

GREENWAY CLEANING SOLUTIONS INC EMERGENCY # CANUTEC (613) 996-6666
4101 RAVENSWOOD ROAD "USE IN CASE OF CHEMICAL EMERGENCY ONLY"
SUITE 317
FT. LAUDERDALE, FL 33312
954-792-2610 W.H.M.I.S. CLASSIFICATION D2B

MATERIAL REFERENCE NO: AAA010600

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: CITRO-D	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: NON-BUTYL CLEANER DEGREASER DEODORANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM CARBONATE	1.0-5.0	NOT AVAILABLE	497-19-8	4090 MG/KG
SODIUM TRIPOLY- PHOSPHATE	1.0-5.0	NOT AVAILABLE	7758-29-4	3100 MG/KG
ALCOHOL ETHOXYLATE	1.0-5.0	NOT AVAILABLE	68131-38-5	2000 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: SEMI-FLUORESCENT GREEN, CLEAR LIQUID, CHARACTERISITIC ODOUR.		
ODOUR THRESHOLD (PPM) NOT ESTABLISHED	SPECIFIC GRAVITY 1.063	VAPOUR PRESSURE (MM) NOT ESTABLISHED
VAPOUR DENSITY (AIR=1) NOT ESTABLISHED	EVAPORATION RATE NOT AVAILABLE	SOLUBILITY IN WATER (20°C) COMPLETE
BOILING POINT (C) >100	FREEZING POINT (C) NOT AVAILABLE	% VOLATILE (BY VOLUME) > 85
pH (10% SOLUTION) 12.9	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 MATERIALS.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-		
CONTAINED BREATHING APPARATUS.		
FLASH POINT (C) AND METHOD: NONE		
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN,		
AMMONIA, HYDROGEN CHLORIDE.		
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 APPLICABLE	NOT APPLICABLE
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: ACIDIC SUBSTANCES, STRONG OXIDIZING AGENTS,		
STRONG ALKALINE MATERIALS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT AVAILABLE.		
HAZARDOUS DECOMPOSITION PRODUCTS: WILL EMIT OXIDES OF CARBON AND		
NITROGEN, AMMONIA, HYDROGEN CHLORIDE WHEN HEATED TO DECOMPOSITION.		

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-CAN CAUSE MODERATE TO SEVERE IRRITATION, REDNESS, TEARING. |
|SKIN-MAY CAUSE MODERATE IRRITATION, LOCAL REDNESS, DRYING OF SKIN. |
|INHALATION-OF MISTS OR VAPOURS MAY CAUSE IRRITATION OF RESPIRATORY |
|TRACT. |
|INGESTION-MAY CAUSE IRRITATION OF MOUTH, THROAT AND LARNYX, NAUSEA, |
|VOMITING, DIARRHEA. |
| |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |

|EYES-PROLONGED OR REPEATED EXPOSURES CAN CAUSE CORNEAL DAMAGE. |
| |
| |

|LD 50 OF MATL. |LC 50 OF MATL. |EXPOSURE LIMIT(S)|IRRITANCY OF MATL|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 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: IMPERVIOUS (i.e. RUBBER, VINYL) |
|RESPIRATORY: NIOSH APPROVED RESPIRATOR IN CONFINED OR POORLY |
| VENTILATED AREAS. |
| EYE: SAFETY GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENTS |
| CLOTHING: ADEQUATE WORKWEAR TO PREVENT CONTACT WITH SKIN. |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE |
|LOCAL MECHANICAL VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS |
WITHIN OCCUPATIONAL GUIDELINES.

|LEAK AND SPILL PROCEDURE: VENTILATE AREA. WEAR RECOMMENDED |
|PROTECTIVE EQUIPMENT. CONTAIN SPILL. TRANSFER MATERIAL TO SUITABLE |
|CONTAINER FOR REUSE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO |
|INERT ABSORBENT AND PLACE IN DISPOSAL CONTAINER. FLUSH RESIDUAL WITH |
VOLUMES OF WATER.

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

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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHING AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN AND GET MEDICAL ATTENTION.
INGESTION-DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING VICTIM. 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.	PACKING GROUP
NOT REGULATED			

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. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT

REVISED: JUNE 21, 2013 REPLACES: June 15, 2009

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