

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

|   |  |  |  |   |  |  |  |
|---|--|--|--|---|--|--|--|
| <b>PRODUCT IDENTIFIER AND NAME</b><br>0103DALQG - DALCAM 300Q GREEN |  | <b>PRODUCT USE</b><br>CLEANER , DEODORIZER       |  | <b>WHMIS CLASSIFICATION</b><br>D2B                          |  | <b>PRODUCT ID NUMBER</b><br>NAP                  |  |
| <b>MANUFACTURER 'S NAME</b><br>SEE SUPPLIER                         |  |  |  | <b>SUPPLIER 'S NAME</b><br>DALCAM SANITATION SOLUTIONS INC. |  |  |  |
| <b>STREET ADDRESS:</b>  |  |  |  | <b>STREET ADDRESS:</b><br>2857 ISLEVILLE STREET             |  |  |  |
| <b>CITY:</b>  |  | <b>PROVINCE:</b>                                 |  | <b>CITY:</b><br>HALIFAX                                     |  | <b>PROVINCE:</b><br>NS                           |  |
| <b>POSTAL CODE</b>  |  | <b>EMERGENCY TELEPHONE No:</b><br>(613) 996-6666 |  | <b>POSTAL CODE:</b><br>B3K 3X5                              |  | <b>EMERGENCY TELEPHONE No:</b><br>(613)-996-6666 |  |

## SECTION 2 - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS          | %AGE   | CAS NUMBER | LD50 OF INGREDIENT<br>(SPECIFY SPECIES & ROUTE) | LC50 OF INGREDIENT<br>(SPECIFY SPECIES) |
|--------------------------------|--------|------------|---|---|
| SODIUM METASILICATE            | 1-5    | 6834-92-0  | 847 MG/KG ORAL RAT                              | ACGIH TLV-2MG/M3                        |
| POTASSIUM HYDROXIDE (45% SOL.) | .5-1.5 | 1310-58-3  | 365MG/KG ORAL RAT                               | ACGIH TLV-2MG/M3                        |
|                                |        |            |   |   |
|                                |        |            |   |   |
|                                |        |            |   |   |
|                                |        |            |   |   |
|                                |        |            |   |   |
|                                |        |            |   |   |
|                                |        |            |   |   |

## SECTION 3 - PHYSICAL DATA

|                                       |  |   |   |                                   |                                     |  |
|---------------------------------------|--|---|---|-----------------------------------|-------------------------------------|--|
| <b>PHYSICAL STATE</b><br>LIQUID.      |  | <b>ODOUR AND APPEARANCE</b><br>LILAC , CLEAR /GREEN |   |                                   | <b>ODOUR THRESHOLD (PPM)</b><br>NAV |  |
| <b>VAPOUR PRESSURE (MM Hg)</b><br>N/A |  | <b>VAPOUR DENSITY</b><br>NAV                        | <b>EVAPORATION RATE</b><br>NAV            | <b>BOILING POINT (C)</b><br>100 C | <b>FREEZING POINT (C)</b><br>0 C    |  |
| <b>PH</b><br>13.5                     |  | <b>SPECIFIC GRAVITY</b><br>1.037                    | <b>COEFFICIENT WATER/OIL DIST.</b><br>NAV |                                   |                                     |  |

## SECTION 4 - FIRE AND EXPLOSION DATA

|  |  |  |  |  |   |  |
|--|--|--|--|--|---|--|
| <b>FLAMMABILITY</b><br>No                                      |  | <b>IF "YES", UNDER WHAT CONDITIONS?</b>                                  |  |  |   |  |
| <b>MEANS OF EXTINCTION:</b><br>WATER, FOG, CO2, DRY CHEMICAL . |  |  |  |  |   |  |
| <b>FLASHPOINT (C) AND METHOD</b><br>NONE                       |  | <b>UPPER FLAMMABLE LIMIT (% BY VOLUME)</b><br>NAP                        |  |  | <b>LOWER FLAMMABLE LIMIT (% BY VOLUME)</b><br>NAP |  |
| <b>AUTOIGNITION TEMPERATURE (C)</b><br>NAP                     |  | <b>HAZARDOUS COMBUSTION PRODUCTS:</b><br>CARBON OXIDES AND SODIUM OXIDES |  |  |   |  |
| <b>EXPLOSION DATA</b>  |  | <b>SENSITIVITY TO IMPACT</b><br>NAV                                      |  |  | <b>SENSITIVITY TO STATIC DISCHARGE</b><br>NAV     |  |

## SECTION 5 - REACTIVITY DATA

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| <b>CHEMICALLY STABLE?</b><br>Yes   |  | <b>IF "NO", UNDER WHAT CONDITIONS?</b>               |  |  |  |  |
| <b>INCOMPATIBLE WITH OTHER SUBSTANCES?</b><br>Yes  |  | <b>IF SO, WHICH ONES?</b><br>STRONG OXIDIZERS, ACIDS |  |  |  |  |
| <b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b><br>NAV   |  |  |  |  |  |  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b><br>CARBON OXIDES AND SODIUM OXIDES AT ELEVATED TEMPERATURES |  |  |  |  |  |  |

**NOTE:** NAP = Not applicable; NAV = Not available.

**PRODUCT IDENTIFIER**

0103DALQG

**SECTION 6 - TOXICOLOGICAL PROPERTIES**

|                       |                            |                              |                           |                          |                         |
|-----------------------|----------------------------|------------------------------|---------------------------|--------------------------|-------------------------|
| <b>ROUTE OF ENTRY</b> | <b>SKIN CONTACT</b><br>Yes | <b>SKIN ABSORPTION</b><br>No | <b>EYE CONTACT</b><br>Yes | <b>INHALATION</b><br>Yes | <b>INGESTION</b><br>Yes |
|-----------------------|----------------------------|------------------------------|---------------------------|--------------------------|-------------------------|

**EFFECTS OF ACUTE EXPOSURE TO PRODUCT****SKIN:** MAY CAUSE DISCOMFORT AND DEFATTING OF TISSUE.**EYE:** TEMPORARY DISCOMFOR AND REDNESS. IF IRRITATION PERSISTS GET MEDICAL ATTENT.**INHALATION:** MAY CAUSE IRRITATION OF RESPIRATORY TRACT**INGESTION:** MAY CAUSE NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAID, BURNING SENSATIONS**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT****SKIN:** SEE ACUTE EFFECTS**EYE:** SEE ACUTE EFFECTS**INHALATION:** SEE ACUTE EFFECTS**INGESTION:** SEE ACUTE EFFECTS

|                                |   |  |                                     |
|--------------------------------|---|--|-------------------------------------|
| <b>EXPOSURE LIMITS:</b><br>NAV | <b>IRRITANCY OF PRODUCT</b><br>EYE, NOSE, SKIN AND THROAT | <b>SENSITIZATION TO PRODUCT</b><br>NOT KNOWN | <b>CARCINOGENICITY</b><br>NONE      |
| <b>TERATOGENICITY</b><br>NONE  | <b>REPRODUCTIVE TOXICITY</b><br>NONE                      | <b>MUTAGENECITY</b><br>NONE                  | <b>SYNERGISTIC PRODUCTS</b><br>NONE |

**SECTION 7 - PREVENTIVE MEASURES**

SUGGESTED PERSONAL PROTECTIVE EQUIPMENT:

**EMPLOYER TO EVALUATE THE WORKING CONDITIONS AND DETERMINE THE NECESSARY PERSONAL PROTECTIVE EQUIPMENT.**

|                                 |                                   |                              |
|---------------------------------|-----------------------------------|------------------------------|
| <b>GLOVES</b><br>RUBBER         | <b>RESPIRATOR</b><br>AS NECESSARY | <b>EYE</b><br>SAFETY GLASSES |
| <b>FOOTWEAR</b><br>NOT REQUIRED | <b>CLOTHING</b><br>COVERALLS      | <b>OTHER</b><br>NOT REQUIRED |

**ENGINEERING CONTROLS**  
GENERAL VENTILATION**LEAK AND SPILL PROCEDURE**  
IN EVENT OF LARGE SPILL, CONTAIN AND PICK-UP**WASTE DISPOSAL**  
DISPOSE OF ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.**HANDLING EQUIPMENT AND PROCEDURES****STORAGE REQUIREMENTS**  
STORE IN COOL, WELL VENTILATED AREA AWAY FROM STRONG OXIDIZERS.**SPECIAL SHIPPING INFORMATION**  
POTASSIUM HYROXIDE SOLUTION; CALSS 8; UN 1814; PGII**SECTION 8 - FIRST AID MEASURES****SPECIFIC MEASURES****SKIN:** IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS OR IF CONTACT HAS BEEN PROLONGED, OBTAIN MEDICAL ATTENTION.**EYES:** FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN.**INHALATION:** REMOVE VICTIM TO FRESH AIR. IF BREATHING STOPPED, BEGIN ARTIFICIAL RESPIRATION. CALL PHYSICIAN.**INGESTION:** IF PATIENT IS FULLY CONSCIOUS, RINSE MOUTH WITH WATER AND DRINK 1 GLASS OF WATER. INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IMMEDIATELY.**GENERAL:** KEEP OUT OF REACH OF CHILDREN.**SECTION 9 - PREPARATION DATE OF MSDS**

|  |                         |  |
|--|-------------------------|--|
| <b>PREPARED BY (GROUP, DEPARTMENT, ETC.)</b><br>TECHNICAL DEPARTMENT | <b>TELEPHONE NUMBER</b> | <b>DATE OF PREPARATION</b><br>01/15/09 |
|--|-------------------------|--|

**NOTE:** NAP = Not applicable; NAV = Not available.