

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER AND NAME</b> 0809DP - DALCAM MINT QUAT		<b>PRODUCT USE</b> GENERAL PURPOSE CLEANER	<b>WHMIS CLASSIFICATION</b> D2B, E	<b>PRODUCT ID NUMBER</b> 1760
<b>MANUFACTURER'S NAME</b> SEE SUPPLIER		<b>SUPPLIER'S NAME</b> DALCAM SANITATION SOLUTIONS INC.		
<b>STREET ADDRESS:</b>		<b>STREET ADDRESS:</b> 2857 ISLEVILLE STREET		
<b>CITY:</b>	<b>PROVINCE:</b>	<b>CITY:</b> HALIFAX	<b>PROVINCE:</b> NS	
<b>POSTAL CODE</b>	<b>EMERGENCY TELEPHONE No:</b> (613) 996-6666	<b>POSTAL CODE:</b> B3K 3X5	<b>EMERGENCY TELEPHONE No:</b> (613)-996-6666	

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%AGE	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
N-ALKYL IMETHYL BENZYL AMMONIUM CHLORIDE	0-1	68424-85-1	NAV	NAV
N-ETHYL BENZYL AMMONIUM CHLORIDE	0-1	68956-79-6	250MG/KG ORAL RAT	NAV
SODIUM METASILICATE	1-5	6834-92-0	0.8G/KG ORAL RAT	NAV
TETRASODIUM SALT OF ETHYLENEDIAMINE TETRAACETIC ACID	1-5	64-02-8	NAV	NAV
LINEAR ALCOHOL ETHOXYLATE	5-10	68131-39-5	NAV	NAV
TETRAPOTASSIUM PYROPHOSPHATE	5-10	7320-34-5	4000MG/KG ORAL RAT	NAV
N-TETRADECYL,N-DIMETHYL-N-ETHYLBENZYL AMMONIUM CHLORIDE	0-1	27479-28-4	NAV	NAV

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE</b> LIQUID..	<b>ODOUR AND APPEARANCE</b> PINE, GREEN.			<b>ODOUR THRESHOLD (PPM)</b> NAP
<b>VAPOUR PRESSURE (MM Hg)</b> NAP	<b>VAPOUR DENSITY</b> NAP	<b>EVAPORATION RATE</b> NAV	<b>BOILING POINT (C)</b> NAV	<b>FREEZING POINT (c)</b> NAV
<b>PH</b> 13.4 ± 0.1	<b>SPECIFIC GRAVITY</b> 1.06 ± 0.05	<b>COEFFICIENT WATER/OIL DIST.</b> NAV		

## SECTION 4 - FIRE AND EXPLOSION DATA

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

## SECTION 5 - REACTIVITY DATA

<b>CHEMICALLY STABLE?</b> Yes	<b>IF "NO", UNDER WHAT CONDITIONS?</b>
<b>INCOMPATIBLE WITH OTHER SUBSTANCES?</b> Yes	<b>IF SO, WHICH ONES?</b> ANIONIC MATERIALS, STRONG OXIDIZING AND REDUCING AGENTS..
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> CONTACT WITH INCOMPATIBLES.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> SEE HAZARDOUS COMBUSTION PRODUCTS ABOVE.	

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

**PRODUCT IDENTIFIER**

**0809DP**

**SECTION 6 - TOXICOLOGICAL PROPERTIES**

<b>ROUTE OF ENTRY</b>	<b>SKIN CONTACT</b> Yes	<b>SKIN ABSORPTION</b> Yes	<b>EYE CONTACT</b> Yes	<b>INHALATION</b> Yes	<b>INGESTION</b> Yes
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**EFFECTS OF ACUTE EXPOSURE TO PRODUCT**

**SKIN:** MAY CAUSE SEVERE IRRITATION.  
**EYE:** MAY CAUSE SEVERE IRRITATION.  
**INHALATION:** MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT.  
**INGESTION:** HARMFUL IF SWALLOWED. MAY CAUSE BURNING OR PAIN IN THE MOUTH.

**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT**

**SKIN:** NOT KNOWN.  
**EYE:** NOT KNOWN.  
**INHALATION:** NOT KNOWN.  
**INGESTION:** NOT KNOWN.

<b>EXPOSURE LIMITS:</b> NAV	<b>IRRITANCY OF PRODUCT</b> EYE, SKIN.	<b>SENSITIZATION TO PRODUCT</b> NOT KNOWN.	<b>CARCINOGENICITY</b> NONE.
<b>TERATOGENICITY</b> NONE.	<b>REPRODUCTIVE TOXICITY</b> NONE.	<b>MUTAGENICITY</b> NONE.	<b>SYNERGISTIC PRODUCTS</b> 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> CHEMICAL RESISTANT.	<b>RESPIRATOR</b> NOT REQUIRED.	<b>EYE</b> SAFETY GOGGLES.
<b>FOOTWEAR</b> NOT REQUIRED.	<b>CLOTHING</b> NOT REQUIRED.	<b>OTHER</b> NOT REQUIRED.

**ENGINEERING CONTROLS**  
GENERAL VENTILATION.

**LEAK AND SPILL PROCEDURE**  
DYKE; COLLECT SPILL IN CONTAINER FOR DISPOSAL. FLUSH AREA WITH WATER.

**WASTE DISPOSAL**  
DISPOSE OF ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

**HANDLING EQUIPMENT AND PROCEDURES**  
AVOID CONTACT WITH SKIN, EYES, CLOTHING.

**STORAGE REQUIREMENTS**  
STORE IN COOL, WELL-VENTILATED AREA.

**SPECIAL SHIPPING INFORMATION**  
CORROSIVE LIQUIDS N.O.S. (SODIUM METASILICATE); CLASS-8; UN-1760; PG-II.

**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> TECHNICAL DEPARTMENT	<b>TELEPHONE NUMBER</b>	<b>DATE OF PREPARATION</b> 01/15/09
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