

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER AND NAME</b> 0760DAL - DALCAM PREMIUM DISH DETERGENT		<b>PRODUCT USE</b> AUTO DISHWASHING DETERGENT		<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)
POTASSIUM HYDROXIDE.	5-15	1310-58-3	273MG/KG ORAL RAT	NAV
DISODIUM METASILICATE	1-5	6834-92-0	770MG/KG ORAL MOUSE	NAV
TETRAPOTASSIUM PYROPHOSPHATE	5-10	7320-34-5	4640MG/KG DERM. RABB	

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE</b> LIQUID..		<b>ODOUR AND APPEARANCE</b> MILD, CLEAR RED.			<b>ODOUR THRESHOLD (PPM)</b> NAV	
<b>VAPOUR PRESSURE (MM HG)</b> NAV		<b>VAPOUR DENSITY</b> NAV	<b>EVAPORATION RATE</b> NAV	<b>BOILING POINT (C)</b> NAV	<b>FREEZING POINT (C)</b> NAV	
<b>PH</b> 12.0 ± 0.1		<b>SPECIFIC GRAVITY</b> 1.21 ± 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 EXTINCTION:</b> WATER, WATER FOG, CARBON DIOXIDE.						
<b>FLASHPOINT (C) AND METHOD</b> NAP		<b>UPPER FLAMMABLE LIMIT (% BY VOLUME)</b> NAP			<b>LOWER FLAMMABLE LIMIT (% BY VOLUME)</b> NAP	
<b>AUTOIGNITION TEMPERATURE (C)</b> NAP		<b>HAZARDOUS COMBUSTION PRODUCTS:</b> HYDROGEN, OXIDES OF CARBON, PHOSPHORUS, POTASSIUM.				
<b>EXPLOSION DATA</b>	<b>SENSITIVITY TO IMPACT</b> NAP			<b>SENSITIVITY TO STATIC DISCHARGE</b> NAP		

## 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> CATIONIC MATERIALS, STRONG OXIDIZING AGENTS, ACIDS.				
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> NONE.						
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> SEE HAZARDOUS COMBUSTION PRODUCTS ABOVE.						

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

**PRODUCT IDENTIFIER****0760DAL****SECTION 6 - TOXICOLOGICAL PROPERTIES**

<b>ROUTE OF ENTRY</b>	<b>SKIN CONTACT</b> Yes	<b>SKIN ABSORPTION</b> No	<b>EYE CONTACT</b> Yes	<b>INHALATION</b> Yes	<b>INGESTION</b> Yes
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**EFFECTS OF ACUTE EXPOSURE TO PRODUCT****SKIN:** CORROSIVE. MAY CAUSE BURNS TO SKIN**EYE:** SEVERE EYE IRRITATION.**INHALATION:** MAY IRRITATE THE LUNGS**INGESTION:** HARMFUL IF SWALLOWED.**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> NAP	<b>IRRITANCY OF PRODUCT</b> EYE, SKIN, MOUTH, AND THROAT.	<b>SENSITIZATION TO PRODUCT</b> NAV	<b>CARCINOGENICITY</b> NAV
<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> RUBBER OR PLASTIC	<b>RESPIRATOR</b> IF DEEMED NECESSARY	<b>EYE</b> SAFETY GOGGLES
<b>FOOTWEAR</b> AS PER LOCAL REGULATIONS	<b>CLOTHING</b> COVERALLS	<b>OTHER</b> EYE WASH STATION.

**ENGINEERING CONTROLS**

GENERAL VENTILATION.

**LEAK AND SPILL PROCEDURE**

COLLECT SPILL INTO CONTAINER AND FLUSH AREA WITH WATER.

**WASTE DISPOSAL**

DISPOSE OF ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

**HANDLING EQUIPMENT AND PROCEDURES**

AVOID CONTACT WITH SKIN, EYES AND CLOTHING.

**STORAGE REQUIREMENTS**

STORE IN COOL, DRY AREA. KEEP FROM FREEZING.

**SPECIAL SHIPPING INFORMATION**

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. POTASSIUM HYDROXIDE; CLASS-8; UN-3266; 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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