

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER AND NAME</b> 0754DAL - DALCAM POWDERED ALKALI		<b>PRODUCT USE</b> POWDERED LAUNDRY ALKALI		<b>WHMIS CLASSIFICATION</b> D2B, E		<b>PRODUCT ID NUMBER</b> 3253	
<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)
SODIUM CARBONATE	60-100	497-19-8	4090MG/KG ORAL (RAT)	2300MG/M/2H
DISODIUM METASILICATE	30-60	6834-92-0	1153MG/KG ORAL (RAT)	NAV

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE</b> POWDER .		<b>ODOUR AND APPEARANCE</b> NONE/WHITE			<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> >12.5		<b>SPECIFIC GRAVITY</b> NAV	<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> 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 HYDROGEN .				
<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> ACIDS, ALUMINUM, TIN, LEAD , FLUORINE GAS, LITHIUM.				
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> CONTACT WITH INCOMPATIBLES.						
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> OXIDES OF CARBON , HYDROGEN .						

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

**PRODUCT IDENTIFIER**

0754DAL

**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:** CAUSES SEVERE IRRITATION AND BURNS.**EYE:** CAUSES SEVERE BURNS.**INHALATION:** CORROSIVE TO THE RESPIRATORY TRACT.**INGESTION:** HARMFUL IF SWALLOWED. CAUSES BURNING/PAIN IN THE MOUTH, THROAT, AND STOMACH**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> NAV	<b>IRRITANCY OF PRODUCT</b> EYE, SKIN, MOUTH, AND THROAT.	<b>SENSITIZATION TO PRODUCT</b> NOT KNOWN.	<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> IMPERVIOUS	<b>RESPIRATOR</b> NIOSH APPROVED DUST RESPIRATOR	<b>EYE</b> SAFETY GOGGLES.
<b>FOOTWEAR</b> NOT REQUIRED.	<b>CLOTHING</b> PROTECTIVE CLOTHING, LONG SLEEVES	<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, MOUTH, CLOTHING.**STORAGE REQUIREMENTS**  
STORE IN COOL, WELL-VENTILATED AREA IN A TIGHTLY SEALED CONTAINER, AWAY FROM ACIDS.**SPECIAL SHIPPING INFORMATION**  
DISODIUM TRIOXOSILICATE; CLASS 8; UN 3253; PG III**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> 2/8/2008
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