

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER AND NAME 0809DP - DALCAM PINE BLAST		PRODUCT USE GENERAL PURPOSE CLEANER	WHMIS CLASSIFICATION D2B, E	PRODUCT ID NUMBER 1760
MANUFACTURER'S NAME SEE SUPPLIER		SUPPLIER'S NAME DALCAM SANITATION SOLUTIONS INC.		
STREET ADDRESS:		STREET ADDRESS: 2857 ISLEVILLE STREET		
CITY:	PROVINCE:	CITY: HALIFAX	PROVINCE: NS	
POST CODE	EMERGENCY TELEPHONE NO: (613) 996-6666	POST CODE: B4C 3X5	EMERGENCY TELEPHONE NO: (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

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

SECTION 4 - FIRE AND EXPLOSION DATA

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

SECTION 5 - REACTIVITY DATA

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

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

PRODUCT IDENTIFIER**0809DP****SECTION 6 - TOXICOLOGICAL PROPERTIES**

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 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.

EXPOSURE LIMITS: NAV	IRRITANCY OF PRODUCT EYE, SKIN.	SENSITIZATION TO PRODUCT NOT KNOWN.	CARCINOGENICITY NONE.
TERATOGENICITY NONE.	REPRODUCTIVE TOXICITY NONE.	MUTAGENICITY NONE.	SYNERGISTIC PRODUCTS NONE.

SECTION 7 - PREVENTIVE MEASURES**SUGGESTED PERSONAL PROTECTIVE EQUIPMENT:****EMPLOYER TO EVALUATE THE WORKING CONDITIONS AND DETERMINE THE NECESSARY PERSONAL PROTECTIVE EQUIPMENT.**

GLOVES CHEMICAL RESISTANT.	RESPIRATOR NOT REQUIRED.	EYE SAFETY GOGGLES.
FOOTWEAR NOT REQUIRED.	CLOTHING NOT REQUIRED.	OTHER 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**
SEE PERSONAL PROTECTIVE EQUIPMENT. 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: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN.
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: GIVE THREE OR FOUR GLASSES OF MILK OR WATER. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.
GENERAL: KEEP OUT OF REACH OF CHILDREN.

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) TECHNICAL DEPARTMENT	TELEPHONE NUMBER	DATE OF PREPARATION 10/1/05
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