



MATERIAL SAFETY DATA SHEET

2000 FLUSHES BOWL CLEANER & DEODORIZER WITH BLEACH

SECTION I: PRODUCT AND PREPARATION INFORMATION						
MARKETED BY:	WD-40 PRODUCTS (CANADA) LTD.	TELEPHONE	TRADE NAME	2000 FLUSHES BOWL CLEANER & DEODORIZER WITH BLEACH	CODE NUMBER	02711, 02710
ADDRESS	P.O. BOX 220 TORONTO, ONTARIO M9C 4V3	EMERGENCY ONLY (CANUTEC); (613) 996-6666 (CHEMTREC); (800) 424-9300 INFORMATION: (416) 622-9881	PRODUCT USE	TOILET BOWL CLEANER	PREPARED BY:	DILLON CONSULTING LIMITED
			CHEMICAL NAMES AND SYNONYMS	NOT AVAILABLE	DATE OF PREPARATION:	JUNE 22, 2004

SECTION II: HAZARDOUS INGREDIENTS						
HAZARDOUS INGREDIENTS	%	TWAEV	STEL	C.A.S.#	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
LIQUID DEODORANT						
SURFACTANTS	45-60%	NOT ESTABLISHED	NOT ESTABLISHED	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
FRAGRANCE	7-12%	NOT ESTABLISHED	NOT ESTABLISHED	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
CHLORINE TABLETS						
ORGANIC CHLORINE BLEACH	80-100%	0.5 mg/m ³	1.5 mg/m ³	87-90-1	NOT AVAILABLE	NOT AVAILABLE
		MANUFACTURER RECOMMENDED LIMITS				

SECTION III: SHIPPING INFORMATION		SHIPPING NAME: AS ABOVE	
WHMIS CLASSES	NOT AVAILABLE	TDG CLASSES	NOT AVAILABLE
NFPA CLASSES	NOT AVAILABLE	UN NUMBER	NOT AVAILABLE
		PACKING GROUP	NOT AVAILABLE

SECTION IV: PHYSICAL DATA		SECTION V: FIRE AND EXPLOSION HAZARDS	
PHYSICAL STATE	SOLID / LIQUID	FLAMMABILITY	UNKNOWN
BOILING POINT (°C)	NOT AVAILABLE	IF YES, UNDER WHICH CONDITIONS?	NOT AVAILABLE
VAPOUR PRESSURE (PSIG) @ 20 °C	NOT AVAILABLE	EXTINGUISHING MEDIA	FLOOD WITH WATER. DO NOT USE DRY CHEMICALS, CARBON DIOXIDE OR HALOGENATED EXTINGUISHING AGENTS
VAPOUR DENSITY (AIR=1) (BY WEIGHT)	NOT AVAILABLE	FLASH POINT (°C)	NOT AVAILABLE
SOLUBILITY IN WATER (% WW)	SOLUBLE	AUTOIGNITION TEMPERATURE (°C)	NOT AVAILABLE
APPEARANCE (LIQUID DEODORANT)	BLUE LIQUID	LOWER FLAMMABLE LIMIT (% BY VOLUME)	UNKNOWN
APPEARANCE (TABLET)	WHITE TABLET	UPPER FLAMMABLE LIMIT (% BY VOLUME)	UNKNOWN
ODOUR (LIQUID DEODORANT)	FRAGRANCED	HAZARDOUS COMBUSTION PRODUCTS	NOT AVAILABLE
ODOUR (TABLET)	CHLORINE ODOUR	SENSITIVITY TO STATIC DISCHARGE	NOT AVAILABLE
ODOUR THRESHOLD	NOT AVAILABLE	SENSITIVITY TO MECHANICAL IMPACT	NOT AVAILABLE
SPECIFIC GRAVITY (WATER=1)	NOT AVAILABLE	SPECIAL FIRE FIGHTING PROCEDURES	HEATING CHLORINE TABLETS ABOVE 240 °C, (464 °F), WILL GENERATE NOXIOUS GASES. TO MINIMIZE THE GENERATION OF THESE GASES, FLOOD WITH A LARGE QUANTITY OF WATER. FIRE FIGHTERS MUST WEAR POSITIVE PRESSURE SCBA AND FULL PROTECTIVE CLOTHING
AEROSOL PERCENT VOLUME BY VOLUME (%)	NOT APPLICABLE		
EVAPORATION RATE (N-Butyl Acetate=1)	NOT AVAILABLE		
PH	NOT AVAILABLE		
FREEZING POINT (°C)	NOT AVAILABLE		
COEFFICIENT OF WATER/OIL DIST.	NOT AVAILABLE		

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SECTION VI: REACTIVITY DATA			
DANGER!			
CHLORINE TABLETS ARE STRONG OXIDIZERS. POSSIBLE FIRE HAZARD IN CONTACT WITH FLAMMABLE OR COMBUSTIBLE MATERIAL			
CHEMICAL STABILITY: NO, WHICH CONDITIONS? INCOMPATIBILITY WITH OTHER SUBSTANCES: YES, WHICH ONES?	STABLE ACIDS, BASES, AMMONIA, CALCIUM HYPOCHLORITE, FLOOR SWEEPING COMPOUNDS, REDUCING AGENTS, FLAMMABLE AND COMBUSTIBLE MATERIALS	HAZARDOUS DECOMPOSITION PRODUCTS: REACTIVITY CONDITIONS?	THERMAL DECOMPOSITION OF CHLORINE TABLETS MAY GENERATE NOXIOUS GASES INCLUDING CHLORINE NITROGEN TRICHLORIDE, CYANOGEN CHLORIDE AND PHOSGENE CHLORINE TABLETS ARE STRONG OXIDIZERS AND MAY REACT WITH FLAMMABLE OR COMUSTIBLE MATERIALS TO CAUSE A FIRE OR EXPLOSION

SECTION VII: TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY: SKIN CONTACT	CHLORINE TABLETS ARE CORROSIVE. DIRECT CONTACT WITH WET TABLET OR MOIST SKIN MAY CAUSE SEVERE IRRITATION AND POSSIBLE BURNS. PROLONGED CONTACT WITH LIQUID DEODORANT MAY PRODUCE MILD IRRITATION.	EFFECTS OF ACUTE EXPOSURE	NOT AVAILABLE
EYE CONTACT	CHLORINE TABLETS ARE CORROSIVE. DIRECT CONTACT WILL CAUSE SEVERE IRRITATION, PAIN, BURNS AND POSSIBLE PERMANENT EYE DAMAGE. DIRECT CONTACT WITH LIQUID MAY CAUSE IRRITATION TO EYES.	EFFECTS OF CHRONIC EXPOSURE IRRITANCY OF MATERIAL	NOT AVAILABLE CORROSIVE
INHALATION	INHALATION IS NOT A NORMAL ROUTE OF EXPOSURE FOR THIS PRODUCT. IF DUST FROM CHLORINE TABLETS IS INHALED, SEVERE IRRITATION OF THE NOSE, MOUTH, AND UPPER RESPIRATORY TRACT WOULD BE EXPECTED. NO ADVERSE EFFECTS EXPECTED IN OTHERWISE HEALTHY INDIVIDUAL EXPOSED TO THE LIQUID DEODORANT. MAY AGGRAVATE EXISTING RESPIRATORY CONDITIONS SUCH AS ASTHMA.	SENSITIZING CAPABILITY OF MATERIAL CARCINOGENICITY	NOT AVAILABLE NOT AVAILABLE
INGESTION	CHLORINE TABLETS ARE CORROSIVE. INGESTION WILL CAUSE IMMEDIATE AND SEVERE BURNS OF THE MUCOUS MEMBRANES OF THE MOUTH AND GASTROINTESTINAL TRACT. LIQUID DEODORANT MAY PRODUCE MILD GASTROINTESTINAL UPSET IF INGESTED INVOLVING NAUSEA, VOMITING AND DIARRHEA.	REPRODUCTIVE EFFECTS TERATOGENICITY MUTAGENICITY SYNERGISTIC MATERIALS	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE

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SECTION VIII: PREVENTIVE MEASURES			
EYE PROTECTION	AVOID DIRECT CONTACT WITH PRODUCT. WEAR SAFETY GOGGLES/GLASSES WHERE THERE IS A POTENTIAL FOR EYE CONTACT.	LEAK & SPILL (LIQUID DEODORANT)	FOR SMALL SPILLS OF LIQUID DEODORANT (ONE RETAIL CONTAINER OR LESS) FLUSH DOWN DRAIN WITH PLENTY OF WATER. FOR LARGER SPILLS, COLLECT AND PLACE IN A SEALABLE CONTAINER FOR LATER DISPOSAL
SKIN PROTECTION	AVOID DIRECT CONTACT WITH PRODUCT. IF NECESSARY, WEAR GLOVES WHEN HANDLING PRODUCT.	HANDLING PROCEDURES	AVOID DIRECT CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING
RESPIRATORY PROTECTION	GENERAL VENTILATION IS ADEQUATE AND RESPIRATORY PROTECTION IS NOT REQUIRED WHEN USED ACCORDING TO LABEL DIRECTIONS.	WASTE DISPOSAL	DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND MUNICIPAL REGULATIONS.
OTHER PROTECTION	FOR BULK PROCESSING, GENERAL BODY-COVERING CLOTHING SAFETY GOGGLES AND IMPERVIOUS GLOVES ARE RECOMMENDED AS GOOD INDUSTRIAL HYGIENE PRACTICES. IF NECESSARY, AN APPROVED RESPIRATOR APPROPRIATE FOR THE LEVEL OF EXPOSURE SHOULD BE WORN.	STORAGE NEEDS	KEEP TABLETS AWAY FROM FLAMMABLE AND COMBUSTIBLE MATERIALS. STORE IN A COOL DRY AREA. AVOID HEAT AND DIRECT SUNLIGHT.
ENGINEERING CONTROLS	NOT REQUIRED.	SPECIAL SHIPPING INSTRUCTIONS	NOT AVAILABLE.
LEAK & SPILL (TABLETS)	TABLETS SPILLED FROM A SINGLE RETAIL PACKAGE SHOULD BE CAREFULLY COLLECTED AND FLUSHED DOWN THE DRAIN WITH PLENTY OF WATER. DO NOT GENERATE AIRBORNE DUST. IF A DAMP CLOTH OR PAPER TOWEL IS USED TO COLLECT SPILLED MATERIAL, RINSE IT THOROUGHLY WITH A LARGE AMOUNT OF WATER PRIOR TO REUSE OR DISPOSAL. CONCENTRATED BLEACH MAY CAUSE A FIRE IN CONTACT WITH PAPER, RAGS OR OTHER COMBUSTIBLE MATERIAL.		

SECTION IX: FIRST AID MEASURES	
FOR MEDICAL EMERGENCIES CALL THE WD-40 SAFETY HOTLINE: 1-888-324-7596 (24 HOURS / DAY)	
<u>FOR CONTACT WITH CHLORINE TABLETS</u>	
SKIN CONTACT:	FLUSH THOROUGHLY WITH WATER, AND IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ATTENTION.
EYE CONTACT:	FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
INHALATION:	MOVE TO FRESH AIR AND GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.
INGESTION:	DO NOT INDUCE VOMITING. RINSE OUT MOUTH AND GIVE SIPS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. CALL PHYSICIAN, POISON CONTROL CENTRE OR THE WD-40 SAFETY HOTLINE AT 1-888-324-7596
<u>FOR CONTACT WITH LIQUID DEODORANT</u>	
SKIN CONTACT:	FLUSH THOROUGHLY WITH WATER AND IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ATTENTION
EYE CONTACT:	FLUSH THOROUGHLY WITH WATER AND IF IRRITATION PERSISTS, GET MEDICAL ATTENTION
INHALATION:	MOVE TO FRESH AIR AND GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS
INGESTION:	RINSE OUT MOUTH AND DILUTE WITH FLUIDS. CALL PHYSICIAN, POISON CONTROL CENTRE OR THE WD-40 SAFETY HOTLINE AT 1-888-324-7596