



SAFETY DATA SHEET

1	IDENTIFICATION	<p>PROCAL 21™ Calcium, Lime, & Efflorescence Remover</p> <p>PRODUCT NAME: PROCAL 21™</p> <p>CHEMICAL IDENTITY: ACID BASED CALCIUM REMOVER</p> <p>PRODUCT USE: CALCIUM, LIME, CEMENT, AND EFFLORESCENCE REMOVER</p> <p>SUPPLIER:</p> <ul style="list-style-type: none"> ○ GLOBAL SAFE TECHNOLOGIES INC. ○ UNIT 275 -19358 96 AVENUE ○ SURREY, B.C. CANADA V4N 4C1 <p>EMERGENCY PHONE NUMBER NORTH AMERICA TOLL FREE: 1.888.723.3920</p> <p>DAYTIME PHONE NUMBER: 604-510-5109 (8:30 am – 5:00 pm PST)</p>			
2	HAZARD IDENTIFICATION	D2B E			
3	COMPOSITION/INFORMATION ON INGREDIENTS	<u>CHEMICAL IDENTITY</u>	<u>CAS#/UN#</u>	<u>CONC (WT.)</u>	<u>TOXIC (LD50.LC50)</u>
		HYDROCHLORIC ACID:	7647-01-0	10-30%	LD50 ORAL: RAT 900mg/k
		NONYLPHENOZYPOLY ETHYLENEOXY ETHANOL:	9016-45-9	1-5%	LD50 ORAL: RAT 2590mg/kg
4	FIRST-AID MEASURES	SKIN CONTACT:	REMOVE CONTAMINATED CLOTHING WIPE OFF MECHANICALLY AND WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER		
		EYE CONTACT:	RINSE CAREFULLY AND THOROUGHLY WITH WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION		
		INHALATION:	REMOVE TO FRESH AIR. IF NOT BREATHING GIVE MOUTH TO MOUTH RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION		
		INGESTION:	DO NOT INDUCE VOMITING. IF CONSCIOUS GIVE LARGE VOLUME OF WATER OR MILK CALL PHYSICIAN IMMEDIATELY		
	FIRE-FIGHTING MEASURES	CONDITIONS OF FLAMMABILITY:	REQUIRES A SOURCE OF IGNITION		
		MEANS OF EXTINCTION:	CO2, HALONES, FOAM OR WATER		
		FLASH POINT (TCC)	NOT AVAILABLE		
		UPPER FLAMMABLE LIMIT:(% IN AIR)	NOT AVAILABLE		



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		<p>LOWER FLAMMABLE LIMIT:(% IN AIR) NOT AVAILABLE</p> <p>AUTO-IGNITION TEMPERATURE: NOT AVAILABLE</p> <p>HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, TOXIC GASES</p> <p>EXPLOSION DATA-SENSITIVITY TO IMPACT: NOT AVAILABLE</p> <p>EXPLOSION DATA-SENSITIVITY TO STATIC: NOT AVAILABLE</p> <p>SPECIAL FIRE FIGHTING PROCEDURE: NONE</p>
6	ACCIDENTAL RELEASE MEASURES	<p>HANDLING SPILLS OR LEAKS: COVER SMALL SPILLS WITH ABSORBENT MATERIAL (SAWDUST, SAND) FOR LARGE SPILLS CONTROL VAPORS WITH FOAM AND EXTINGUISH SOURCES OF IGNITION. DIKE IF NECESSARY TO PREVENT MATERIAL ENTERING SEWER OR DRAINS. DILUTE WITH WATER IF POSSIBLE. USE ABSORBENT MATERIAL TRANSFER TO WASTE CONTAINER</p>
7	HANDLING AND STORAGE	<p>STORAGE AND HANDLING: KEEP SEPARATE FROM FOODSTUFF. STORE IN TOTALLY CLOSED EQUIPMENT</p> <p>HANDLING PROCEDURES AND EQUIPMENT: AVOID PROLONGED OR FREQUENT CONTACT. AVOID BREATHING MIST OR VAPORS. USE PERSONAL PROTECTIVE EQUIPMENT WHERE REQUIRED</p>
8	EXPOSURE CONTROLS/ PERSONAL PROTECTION	<p>PERSONAL PROTECTIVE EQUIPMENT: CHEMICAL RESISTANT PROTECTIVE CLOTHING AND GLOVES (PVC NEOPRENE)</p> <p>ENGINEERING CONTROLS: ALL AREAS SHOULD HAVE ADEQUATE VENTILATION</p>
9	PHYSICAL AND CHEMICAL PROPERTIES	<p>PHYSICAL STATE: LIQUID</p> <p>APPEARANCE AND ODOUR: CLEAR LIQUID, PUNGENT ODOUR</p> <p>ODOUR THRESHOLD: NOT AVAILABLE</p> <p>BOILING POINT: (C) 100C APPROX.</p> <p>MELT/FREEZING POINT: (C) NOT AVAILABLE</p> <p>VAPOR PRESSURE: (20C) NOT AVAILABLE</p> <p>VAPOR DENSITY: NOT AVAILABLE</p>



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		<p>SPECIFIC GRAVITY: (20C) 1.05</p> <p>EVAPORATION RATE: NOT AVAILABLE</p> <p>SOLUBILITY RATE: (20C) 100% IN WATER</p> <p>Ph (100%): 1.7</p> <p>CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS</p> <p>HAZARDOUS POLYMERIZATION: NOT AVAILABLE</p> <p>HAZARDOUS DECOMPOSITION: NOT AVAILABLE</p>	
10	STABILITY AND REACTIVITY	<p>CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS</p> <p>MATERIALS TO AVOID: STRONG OXIDIZERS, ALKALIS</p> <p>HAZARDOUS POLYMERIZATION: NOT AVAILABLE</p> <p>HAZARDOUS DECOMPOSITION: CARBON DIOXIDE</p>	
11	TOXICOLOGICAL INFORMATION	<p><u>ROUTE OF ENTRY</u></p> <p>SKIN CONTACT: CORROSIVE MAY CAUSE SEVERE IRRITATION OR PERMANENT DAMAGE IF NOT TREATED PROMPTLY</p> <p>SKIN ABSORPTION: NOT AVAILABLE</p> <p>EYES: CORROSIVE. MAY CAUSE IRRITATION, TEARING AND BURNING</p> <p>INHALATION: CORROSIVE. SPRAY OR MIST MAY CAUSE RESPIRATORY TRACT IRRITATION</p> <p>INGESTION: CORROSIVE - MAY CAUSE SEVERE IRRITATION OF THE DIGESTIVE TRACT AND SEVERE DAMAGE IF NOT TREATED PROMPTLY</p> <p><u>EFFECTS OF CHRONIC EXPOSURE:</u></p> <p>SKIN CONTACT: NOT AVAILABLE</p> <p>SKIN ABSORPTION: NOT AVAILABLE</p> <p>INHALATION: NOT AVAILABLE</p> <p>EXPOSURE LIMITS: NOT AVAILABLE</p> <p><u>IRRITANCY OF PRODUCT:</u></p> <p>SKIN: VERY IRRITATING</p> <p>EYE: VERY IRRITATING</p>	



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		<p>SENSITIZATION TO MATERIAL: NO EVIDENCE TO INDICATE SENSITIZER</p> <p>CARCINOGENICITY: NOT AVAILABLE</p> <p>MUTAGENICITY: NOT AVAILABLE</p> <p>TERATOGENICITY: NOT AVAILABLE</p> <p>TOXICOLOGICAL SYNERGISTIC PRODUCTS: NOT AVAILABLE</p>
12	ECOLOGICAL INFORMATION	N/A
13	DISPOSAL CONSIDERATIONS	<p>WASTE DISPOSAL: DISPOSE IN LAND FILL OR INCINERATE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS</p>
14	TRANSPORT INFORMATION	<p>TDG CLASSIFICATION: CORROSIVE LIQUID N.O.S. (HYDROCHLORIC ACID) CLASS 8 UN 1789 PG II</p> <p>SPECIAL SHIPPING INFORMATION: KEEP SEPARATE FROM FOODSTUFF. PROPERLY CLASSIFIED, DESCRIBED, AND MARKED TO CONFORM TO THE TDG REGULATIONS</p>
15	REGULATORY INFORMATION	N/A
16	OTHER INFORMATION	<p>SDS: PROCAL 21™</p> <p>PREPARED BY TECHNICAL SERVICES DEPARTMENT</p> <p>DATE: JANUARY 1, 2019</p> <p>THE INFORMATION PROVIDED HAS BEEN OBTAINED AND SUPPLIED FROM SOURCES BELIEVED TO BE CORRECT AS A GUIDE TO THE HANDLING OF THIS PRODUCT. GLOBAL SAFE TECHNOLOGIES INC. PROVIDES NO GUARANTEES OR WARRANTIES IMPLIED OR EXPRESSED AND ASSUME NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DOCUMENT.</p>