7SP)					/ Data Sheet Disposal Information	
NFORCER Products Division of Acuity Specialty Products roup, Inc. .O. Box 1060 artersville, GA 30120 .888-805-HELP ww.zepcommercial.com		Section 1. Chemica Product name Product Code Date of issue		I Product and Company Identification Calcium, Lime & Rust Stain Remover		
				HDRUST 04/26/05	Supersedes 01/31/03	
		Emergency Telephone Numbers		For a Medical Emergency: INFOTRAC (877) 541-2016 (Toll Free - Calls Recorded) For a Transportation Emergency: CHEMTREC (800) 424-9300 (Toll Free - Calls Recorded)		
						Printing Date:
	osition, Information on Ingre	edient				
Name of Hazardous Ingredients HYDROCHLORIC ACID; muriatic acid; hydrogen chloride; HCl			CAS # 7647-01-0	1 - 5	Exposure LimitsACGIH TLV/OSHA PEL (United States).CEIL: 5 ppm 8 hour(s).OSHA PEL (United States).CEIL: 7 mg/m³ 8 hour(s).	
HYDROXYACETIC ACID; glycolic acid; hydroxyethanoic acid SULFAMIC ACID; amidosulfonic acid			79-14-1 5329-14-6	1 - 5 1 - 5	Not established	
Section 3. Hazard	Is Identification				HMIS	
Acute Effects		ermal	contact. Eye con	ntact. Inhalation. Ir		
occasio <b>Eyes</b> Causes blindne Inhalation Inhalati	SkinCauses skin burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.Fire Hazard 0 Reactivity0					
irritatio						
Carcinogenic	al if swallowed. May cause burn Ingredients: Not listed as carci					
Effects Chronic Effects	ffects   hronic Effects   The substance may be toxic to kidneys, liver, gastrointestinal tract. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.   See Toxicological Information (section 11)					
Section 4. First A	id Measures					
Eye Contact Skin Contact	Ct Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.					
Inhalation	medical attention immediately. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give					
Ingestion	oxygen. If irritation persists, get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.					

Product Code HDRUST	Material	Safety Data Sheet	Product Name Calcium, Lime & Rust Stain Remover
Section 5. Fire Fightin	g Measures		
Flash Point N	ot applicable.	Flammable Li	mits Not applicable.
	on combustible.		
	lay emit toxic fumes under fire co	onditions.	
Fire-Fighting Procedu			e for surrounding fires. Do not release
The Fighting Freedoat		b sewers or waterwa	
Section 6. Accidental			
	on appropriate personal protecti h an inert dry material and place i		Section 8). Dilute with water and mop up, or absorb aste disposal container.
Section 7. Handling a	-		
adequate			Avoid breathing vapors or spray mists. Use only with to not use with other products. Do not reuse product
	-	iner in a cool, well	-ventilated area. Keep out of the reach of children.
	Controls, Personal Protection	ו	
	Personal Protection		Protective Clothing (Pictograms)
Eyes Splash gogg	gles. Face shield.		
	priate protective clothing to preve	ent skin contact.	
Recommend	ded: Neoprene gloves. Nitrile glov	ves. Rubber gloves.	Wear
-	verall if potential for exposure to a equate ventilation. A respirator is	•	normal and intended conditions of product use.
	d Chemical Properties	not needed under i	ionna and mended conditions of product use.
Physical State Liqui	-		<b>Color</b> Clear. Colorless to light yellow.
			÷ •
-	Acidic.]		Odor Sour. Acidic.
<b>-</b>	C (212°F)		Vapor Pressure Not determined.
Specific Gravity 1.068	G(Water = 1)		Vapor Density Not determined.
Solubility Easily	y soluble in cold water, hot water	. Е	vaporation Rate Not determined.
-		V	OC (Consumer) 0 (g/l).
Section 10. Stability a	-		
Stability and Reactivi	-		
Incompatibility	÷	agents, organic mat	erials., metals, alkalis. Do not use with other products.
Hazardous Polymeriz			
Hazardous Decompos Products	sition Not applicable.		
	ical Information		
Section 11. Toxicologi Toxicity to Animals	Hydrochloric Acid:		
		Acute: 900 mg/kg	Rabbit]
	· /	Acute: 3124 ppm 1	
	HYDROXYACETIC A		nom(o) [run].
		Acute: 1938 mg/kg	[Rat.].
	SULFAMIC ACID:	ieute. 1996 ing itg	[[[[[]]]]]
		Acute: 3160 mg/kg	[Rat.].
Section 12. Ecologica	l Information		
Ecotoxicity No	ot available.		
Biodegradable/OECD No	t available.		
Section 13. Disposal (			
Waste Information	-	of in accordance	with federal, state and local environmental control
	regulations.		
Waste Stream	Code: D002		
	Classification: - (Hazardous	waste.)	
	Origin: - (RCRA waste.)	<i>,</i>	
Consult your local or re	-		

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Product Code HDRUST	Material Safety Data Sheet	Product Name Calcium, Lime & Rust Stain Remover			
Section 14. Transport In	formation				
Proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s.(Hydrochloric acid, Sulfamic acid) or Consumer Commodity ORM-D in limited quantities				
DOT Classification UN number	Class 8: Corrosive liquid. UN3264				
<b>TDG Classification</b>	TDG Class 8: Corrosive liquid; 9.2: Environmentally hazardous material.				
Section 15. Regulatory I	nformation				
U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting: No products were found.					
	Clean Water Act (CWA) 311: Hydrochloric Acid (I	RQ 5,000 lbs)			
Clean air act (CAA) 112 regulated toxic substances: No products were found.					
	All Components of this product are listed or exemp	t from listing on TSCA inventory.			
State Regulations	California prop. 65: No products were found.				
WHMIS (Canada)	Class D-1B: Material causing immediate and serie Class D-2B: Material causing other toxic effects ( Class E: Corrosive liquid.				

## Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.