GBE Starard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



DENTITY (As Used on Label and List) ELKO MURIATIC ACID	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that						
ction I			is available, the spac	e must be marked to	indicate that		
ELKHORN CHEMICAL CO., INC. Address (Number, Street, City, State, and ZIP Code)	Emergency Telephone Number 414-723-2646						
One Elko Lane, PO Box 209		Telephone Number for Information 414-723-2646					
Elkhorn, WI 53121	Date Prepared Revised December, 1986						
		Signature of Pre	parer (optional)				
Section II - Ingredients/Ident	ity Information						
Components	my informatio						
	AS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	6: /:		
ydrochloric Acid (HCL) 7647-1	10-0		5ppm HCL ·	N/A	96 (option: 31.45		
				/11	31.43		
					····		
		·.					
				,			
Section III — Physical/Chemical Charact	orictics						
Boiling Point	CHISTICS			_	-		
	230°F	Specific Gravity			T		
Vapor Pressure (mm Hg.)	230 F	at 20/20 Melting Point)°C		1.160		
Vapor Density (AIR = 1)	28	reterning POINT					
		Evaporation Ra	316		N/A		
HCL Vapor Solubility in Water	1.25	(Butyl Acetate					
Co1		•			2		
Appearance and Odor							
Clear, colorless	liquid. acr	id odo-		•			
Section IV — Fire and Explosion Hazard	I D	id odor			·		
Flash Point (Method Used)	Data		•				
NOne		Flammable Lin	nils	LEL	UEL		
Extinguishing Media			N/A	1	UEL		
N/A		•			<u> </u>		
Special Fire Fighting Procedures							
N/A		•					
rusual Fire and Explosion Hazards							
N/A		-					
/ 1							
<pre>< =less than >=more that</pre>	an N/A=	Not Applicat	מלוג מלוג				
(Reproduce locally)			N/D=N	ot Determined			

ulater v	Unstable	1	Conditions to Avoid				
	Stable			N/A	······································		
Incompatibility (A	l Materials to Avoid)	X	1				•
	position or Byprod	Avo	id contaminat	ion with alk	alies or ami	ines	
eating wi	ll evolve hy	ucis droge	n chloride gas	S •	•		
Hazardous Polymerization	May Occur		Conditions to Avoid				
•	Will Not Occur	Х.		N/A	-		
Section VI -	Health Hazard	4	i	•			·
Route(s) of Entry		nalation?)	Skin?			
Health Hazards (Acute and Chronic)		X		X	Ingestion?	N/A
<u>Vapors</u> caus	se severe ir:	<u>ritat</u>	ion of eyes ar	nd respirato	ry passages.	May cause pa	ins in chest and
choking cou	ugh. May ca	use p	ulmonary edema	1. liquid co	ontact with	eyes causes bu	The In chest and
Skin contac	ct causes ir	ritat	ion.			eyes causes bu	iths.
Carcinogenicity:	No Data N	IP?		IARC Moi	nographs?	OSHA Re	gulated?
Signs and Symp	otoms of Exposure			,			
irritation	ctation and i	redne	ss of eyes. (Chest pains o	& choking co	ough. Redness,	burning and
Medical Condition	OUS.			• .			
Generally Aggra	ivated by Exposure	-	Dermatitis & 1	espiratory :	illnesses.		
EYES: Flus	First Aid Procedur Sh with water	es IN	HALATION: Ren	nove to fresh	n air. Give	oxygen & call	physician
of water fo	or 15 min. (Get m	edical attenti			miculatery 110	ish with blen
Section VII	- Precautions	s for S	Safe Handling an	OII. SKIN:	Flush with	water at once.	
Steps to Be Ta	ken in Case Materi	al Is Ro	loacod or Coulled				
<u>Neutraliz</u>	ze with soda	ash .	and flush heav	vily with wat	er.		
				•			
Waste Disposa Neutraliz	Method	ach	& bury in a la				
		asn	d bury in a la	indfill			
Precautions to	Be Taken in Hand	ling and	1 Storing				,
Use care	in handling.						
(Whoa the							
Other Precauti Avoid con		cin o	r eyes, do not	1	•		
			· cyes, do not	breath vapo	or.	•	
Section VII	I — Control M	eacur	0.5				·
Respiratory Pr	otection (Specify Tu	ma)				. •	
Fresh air Ventilation	mask in con	ifine	l areas				
Community	Local Exhaust	Pi	referred	,	Special		
_	Mechanical (Ge	eneral)			Other		
Protective Glo				E	Protection		
Other Protecti	Rubber Give Clothing or Equ	<u>Cloves</u>	5		apor proof	goggles	
_Eye_bath	, safety sho	wer &	rubber apron	•			
WorldHygrenic	c r raciices		normal hygien				