Simulating the Effects of Acid Rain Neo/Sci Kit 20-1493

Material	Safety Dat	a Sl	neet	U.S. Department of Labor				
May be used to comply with				Occupational Safety and Health Administration				
OSHA's Hazard Communication Standard				(Non-Mandatory	/ Form)			
	0.1200. Stand			Form Approved	Form Approved			
	or specific requ			OMB No. 1218-				
				···· ··· ··· ··· ··· ··· ··· ··· ··· ·				
			MSDS#96-3010	information is available, the space must be marked to indicate that.				
Section I	<u>17 3 536036036 3</u>				1.80.80.80 1.80.00 50.0004	and defects over these particulars		
Manufacturer			0)	Emergency Telephone Number 1-800-526-6689				
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80 Northwest	방법에 가장한 것 않는 것은 것이 없는 것은 것이 없다.	y, 51a	le, and ZIP Code)	Telephone Number for Information 1-800-526-6689				
	a analasi an analasi naka			Date Prepared 2/10/2009				
Nashua,	NH		Zip 03063	Signature of Prepa	arer	Kenneth G. Rainis	REV 2	
	455.359.48	Ing	redients/Identity Informa	tion			ALV Z	
Section n	- nazaruous	mg	edients/identity informa	uon		Other Limits		
				OSHA PEL	ACGIH TLV	Recommended	%	
Hydrochlor	ic Acid Soln (1%)	(CAS No. 7647-01-0))	N/A	5ppm	N/A	1.0	
	No 7732-18-5						99.0	
WARNING!	IRRITANT TO) EY	ES AND MUCOUS MEMBRA	NES. HARMFUL IF	SWALLOWED.			
Section III	- Physical/C	hen	ical Characteristics					
Boiling Point	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		[Specific Gravity (H	I ₂ O = 1)	<u> </u>	1	
Approx. 100	C (212F)						1	
Vapor Pressure (mm Hg) 14 (water)				Melting Point			0C (32F)	
Vapor Density (AIR = 1)				Evaporation rate			Slightly <	
0.7 (water)	• • • • • • • • • • • • • • • • • • •							
Solubility in W	/ater	20. S. C.						
Complete								
Appearance a	nd Odor							
			a a slightly acrid odor.					
Section IV	- Fire and E	xplo	sion Hazard Data					
Flash Point (M	lethod Used)			Flammable Limits	in air	LEL	UEL	
Non-flammal	Non-flammable (N/A)				N/A			
Extinguishing								
••••••••••	surrounding fi							
	hting Procedure	s						
None								
	and Explosion H							
DOT: Not-r	coulated. See 4	Willn n I9CFR	netals may produce very sma ; 173.4 Small Quantity Exclusion	Il amounts of hydroge	en gas.			
	Reactivity		,					
Stability	Unstable		Conditions to Avoid					
- and f	310000		None expected.					
	Stable							
		x						
Incompatibility	(Materials to Av	/ojd)	alianina and a second second second	 No choice of a constant set of choice of 			•••••••	
			uced hydrogen gas; reacts w	ith alkali's, and strone	g oxidants. AVO	D excess heat.		
	composition or E						•••••••	
None expect								
Hazardous							NET GEO. 1970 1970 1970	
Polymerization	Cherry and a respective service of the	i	N/A					
	Will Not Occur	r	· [······					
		Ì.						
		x	i i					

Section VI	Health Hazard Data		
Route(s) of En	ry. Inhalation?	Skin?	ingestion?
ni Letrent de	No	Yes	Yes
	(Acute and Chronic)		
May irritate s	kin and mucous membranes upo	on prolonged contact.	
TURCEUOU	A LIMPT MALLIER Mulmono ublasi		100071
		le as gas 5ppm (TWA); 7mg/m³ (AIR) (ACG⊪	
Carcinogenicity		IARC Monographs?	OSHA Regulated?
No	No	No	No
a ,	ploms of Exposure cause irritation to skin and eye.	Exercise appropriate procedures to mini	mize these hazards.
Medical Condit	ions		÷
Generally ag	ravated by exposure.		
-	1.411		
Emergency and Inhalation:	I First Aid Procedure Not a inhalation hazard in the fi	nem provided	
Eyes:		ting lower and upper eyelids occasional	y. Get medical attention.
Skin:		d water. If irritation develops seek medic	
Ingestion:		one or two glasses of water to drink.	
		oms persist. Do NOT induce vomiting.	
Section VII	Precautions for Safe Han	***************************************	
	en in Case Material is Released or	B	
		N soda ash or sodium bicarbonate. Abso	orb small spills with an
	rial, sweep up and dispose.		
Dispose in accom	quantities to sanitary sewer. lance with foderal, state and local regul be Taken in Handling and Storage I place. Wash hands thoroughly		
Other Precautio For lab use or		tic use. Keep out of reach of children.	
Section VIII	- Control Measures		
	tection (Specify Type)		
	in normal laboratory setting.		
Ventilation	Local Exhaust	Special	
	Not required	No	
	Mechanical (General)	Other	
		Not required	
Protective Glove			
a a second s	Gloves (for sensitive skin).		
	Clothing or Equipment ly goggles, lab coat, apron, eye	wash station in close proximity, within 1	5 sec. of work station,
Work/Hyglenic I Wear protectiv		soap and water following the handling c	of this material.
Jse under direc	t supervision of a qualified individua	I knowledgeable in all aspects of laboratory s	afety. This product is intended for lab use only

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