

MATERIAL SAFETY DATA SHEET

	scientific	Nashua, NH 030 1-800-225-3739	63		SDS No.: ffective Dat		030 BB0032 lary 1, 2007		
SECTION	VIEW	NAME	2	4 HOUR I	MERGE	NCY A	SSISTANO		
Product	Barium Chlo	oride, Dihydrate			CHEMT	***************************************			
Chemical Synonyms	Barlum Dich	loride		300	800-424- Day 585-22	9300	lealth 3		
Formula	BaCl ₂ •2H ₂ C)					teactivity 0		
Unit Size	up to 2.5 Kg		NFPA HAZARD RATING			Ľ	HMIS*		
C.A.S. No.	10326-27-9		MINIMAL SLIGHT MO			RATE SER	ious severe		
SECTION	ll V	INGREDIE	NTS OF M	IXTURES	1 2				
Principal C	omponent(s)	-Mo-Maria		%	TL\	/ Units		
Barium chloride, dihydrate					100%	See Section V.			
			-			****	www.iirearan.co.do.co.po.to.iademi		
	CHARLES AND ADDRESS OF THE PARTY OF THE PART	MAY BE FATAL IF S							
	And the second second second	ON. MAY BE HARMFU							
SECTION Melting Point		PHYSICAL		pesitio Gravity (H	0 = 1)				
		Transition 925°C (16	P	Specific Gravity (H ₂ O = 1) Percent Volatile		3.1 @ 24°C.			
Boiling Point (°F) Vapor Pressure (mm Hg)		1560°C (2840°F)		by Volume (%) Evaporation Rate		Negligible as solid.			
		Negligible as solid.		(=1)		Not applicable.			
Vapor Density (Air=1) Solubility in Water		7.21							
Appearance		31 grams per 100 mL. water @ 32°F (BaCl ₂). Fine white crystals or powder; no odor.							
SECTION		FIRE AND			RD DA	TA			
Flash Point Method Used) Non-flamm		Flammable Li		imits in Air		ower	Upper		
Extinguisher Media	Use any	y media sultable for extinguishing supporting fire.							
SPECIAL FII		3				**********			
ROOLDON		worn for p	/MSHA-approv protection again ctive clothing.						
			•						
	Statement College College	ONSE GUIDEBOOK, R	SPA P 5800.9	, GUIDE PAC	E NO.154))			
INUSUAL F	The state of the s								
		Fire or ex as dust o	cessive heat m r fume.	nay produce h	azardous d	lecomposi	tion products		
D.O.T.	Barium comp	ounds, n.o.s., (Barium	chloride), 6.1	, UN1564, PC	3 (1)		in and the same of		
pproved by U.S.	Department of I	Labor "essentially similar" to	form OSHA-20				Contract of the Contract of th		

Threshold	N V I Limited \	Value T		arium and solu	ble comp	BB0030 counds ACGIH 2001. U.S. H.E.			
			Toxic Substance List (1976) gives; orl-hmn TDLo: 80 mg/Kg.; orl-rat LDLO: 335 mg/Kg.						
salivation a degrees of allowable li	paralysis. IN mits. EYES	HALATION:	omiting and diarrhea. May be harmful, wit	Patient may to h symptoms si ut may cause	ecome c milar to the	al intake may cause weakness, old and experience varying hose of oral intake. Observe o sensitive individuals. Target			
Emergency and First Aid Procedures			INGESTION: Call physician or Poison Control Center immediately. Induce						
anything by with water SKIN: Rer medical att	mouth to an for at least 15	unconscious minutes, lift nated clothir LATION: R	s person. <u>EYES:</u> Ching upper and lower ong. Flush thoroughly emove to fresh air. If	eck for and re- eyelids occasion with mild soap	move con onally. Go and wate	Il personnel. Never give tact lenses. Flush thoroughly et immediate medical attention. er. If irritation occurs, get ficial respiration. If breathing is			
SECTIO			EACTIVITY DA	ΔΤΔ		.,			
	Unstable		Conditions to Avoid						
Stability	Stable	Х			Excess	ive temperature and heat.			
Incompatibility (Materials to Avoid)		Bromi	romine Trifluoride and 2-Furan percarboxylic acid, violent reaction.						
Hazardous Decomposition Products		ducts	Thermal decomposition or burning may produce toxic fumes of chlorine gas, Hydrochloric acid and Barium oxide, Barium dust.						
Hazardous	Polymeriza	ation	Conditions to	Avoid					
May Occur Will Not Occu			Not Applicable.						
SECTIO	N VII	X	PILL OR LEAK	PROCE	HRES				
Steps to b	e taken in released	case	Recover for us clothing and ve a suitable cont	e if not contant entilation, sweet ainer for prope	ninated. \ ep up and er disposa	Nearing proper protective collect in dry state and place in I. Flush spill area. Do not get A. approved toxic dust respirate			
Waste Dis	posal Met		charge, treatment, or dis ese disposal guidelines a spose of in accordance			deral, State or Local laws. of catalog-size quantities only.			
		Dis	spose of in accordance	e with rederal,	state and	local regulations.			
SECTIO Respiration Pr		Sone should	PECIAL PROT	ECTION I	NFOR	MATION			
Specify Type)	l v	entilation ho			ed dust m	dusty conditions prevail, work in nask or respirator.			
Ventilation	Mechan	ical (General)	Recommended Recommended	The state of the s		No.			
Protective		1	ubber.	Eye Prote	ction	Chemical safety goggles.			
Other Protective	e Lat	coat or apr	on, vented hood, pro	per gloves, eye	e wash st	ation.			
SECTIO	to be Taker	n	PECIAL PREC			Wash thoroughly after handlin			
n Handling	y closed when not in	n use.	, p , p ,	.,					

James A. Bertsch

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Approved