0.1	MATERIAL	SAFETY DATA SHEE	OLOHON V HEALTH HALAND DATA
Science Ki.			Threshold Limited Value TWA: As Mercury [CAS No. 7439-97-6] (ACGIH 1983-84)
& Boreal 77	7 East Park Drue Boreal Laboratori	es Ltd. Effective Date. July 1, 1986	Mercury Vapor 0.05 mg/m³ (AIR); inorganic compounds 0.1 mg/m³.
Laboratories	7 East Pick Drue awarda NY 14150 6781 Boreal Laboratori 1820 Milhava Aven Milanzarija Ontire	112	Effects of Overexposure INGESTION: Excessive doses (120 mg.) may cause mercury poisoning. Symptoms
SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE			of mercury poisoning are violent pain, vomiting, diarrhea, kidney shock, intestinal hermorhage and death. <u>INHALATION:</u> Prolonged or repeated exposure to the dust causes upper respiratory tract irritation, lung injury, vomiting, chest and abdominal pain, fatigue, gingivitis, difficulty swallowing, irritability, tremors and kidney
the second se	IS CHLORIDE	CHEMTREC 800-424-9300 Health 4	damage. <u>SKIN AND EYES</u> : May produce delayed burns.
Chemical Synonyms Calomel, Mercury (1) Chloride		Day 716-226-6177 Fire 0	Emergency and INGESTION: If swallowed, if conscious, give one or two glasses of water,
Formula HgC1	rmula HgC1 NFPA Reactivity 0		First Aid Procedures induce vomiting. Repeat until vomit fluid is clear. Call physician immediately. <u>SKIN:</u> Flush thoroughly with water, then wash with soap and water. <u>INHALATION:</u> Remove to fresh air. If ill effects develope, get medical attention.
Unit(s) Size 100, 500		HAZARD RATING	EYES: Immediately flush eyes with large amounts of water for at least 15
C.A.S. No. 7546-30-	7	0 1 2 3 4	minutes, lifting upper and lower eyelids. Get prompt medical attention.
SECTION II HAZARDOUS INGREDIENTS OF MIXTURES			
Principal Hazardous Component(s) % TLV Units			SECTION VI REACTIVITY DATA
Mercurou	s Chloride	100% See Section V	Stability Unstable Conditions to Avoid Decomposes by alkalies. Darkens on
			- Stable x exposure to light, decomposes into mercuric chloride and metallic mercury.
DANGER! R POISON R MAY BE FATAL IF INHALED			Bromides, Iodides, alkali chlorides, sulfates, sulfites, carbonates, hydroxides, lime water acacia, ammonia, silver salts.
			(Materials to avoid)
			Hazardous Decomposition Products Thermal decomposition or heating may produce highly toxic mercury vapors and chlorine gas.
THE REAL PROPERTY AND ADDRESS OF THE REAL PROPERTY AND ADDRESS OF THE REAL PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE REAL PROP	IYSICAL DATA		Decomposition Products
Melting Point (°F)		cific Gravity (H,D = 1) 7.150 at 25° C	Hazardous Polymerization Conditions to Avoid May Occur Will Not Occur
Boiling Point (°F)	Sublimes 400-500°C by	cent Volatile Volume (%) 100% above 400°C	- x Not applicable.
Vapor Pressure (mm Hg)	Negligible as solid (-Butyl Ac. = 1) Non-volatile (NA)	SECTION VII SPILL OR LEAK PROCEDURES
Vapor Density (Air = 1) Data not listed			Steps to be taken in case Wear suitable protective clothing, sweep up and place in a
Solubility in Water Insoluble in water			material is released or spilled suitable container for disposal. Wash spill area with soap and water.
Appearance and Odor Heavy, white crystals or crystalline powder; no odor.			
SECTION IV FIRE AND EXPLOSION HAZARD DATA			Waste Disposal Method
Fleeb Delet	mable (NA) Flammable Lin % by Volume		Dispose of in an approved chemical landfill or contract with a licensed waste disposal service.
Extinguisher Use any	media suitable for extinguishing	supporting fire.	Discharge, treatment, or disposal may be subject to federal, state, or local laws.
Media .			SECTION VIII SPECIAL PROTECTION INFORMATION Respiration Protection None should be needed in normal laboratory handling. If dusty conditions prevail
SPECIAL FIREFIGHTIN	G		(Specify Type) work in a ventilation hood or wear a NIOSH-approved dust mask or respirator.
PROCEDURES	In fire conditions, wear.	The second se	Ventilation Local Exhaust Yes Special No Mechanical (General) Yes Other No
self-contained breathing apparai protective clothing.		apparatus and full	Protective Gloves Rubber or plastic Eye Protection Chemical safety glasses
	proceetive crocking.		Other Protective Equipment Goggles, smock, apron, eye wash station, ventilation hood, proper gloves.
۵.			SECTION IX SPECIAL PRECAUTIONS
			Precautions to be Taken store to a cold dru place way from firm becaute
UNUSUAL FIRE AND EXPLOSION HAZARDS Dangerous when heate		decomposition it	in Handling and Storing Wash thoroughly after handling.
	emits highly toxic mercury		Keep container tightly closed when not in use. Wash contaminated clothing before reuse.
	chloride when heated.		Other Precautions Read label on container before using.
			Do not breathe dust. Avoid contact with eyes or mucous membranes or prolonged contact with skin.
		,	
	· ·		For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Rev. No. Ma Date 1/2/2 Approved Manual States
D.O.T. NON-REGULATED.			10.1 112181 Coordinator
Approved by U.S. Department of Labor "essentially similar" to form OSHA-20			