













	Regulatory Fran	neworl				
	§ 66261.9. Kequirements for Universal Waste.					
Currentness						
(a) The hazardous wastes listed in this section are exempt from the management requirements of chapter 6.5 of division 20 of the Health and Safety Code and its implementing regulations except as specified in chapter 23 and, therefore, are not fully regulated as hazardous wastes. The wastes listed in this section are subject to regulation pursuant to chapter 23 and shall be known as "universal wastes."						
(1) Ba	(1) Batteries, as described in section 66273.2, subsection (a);					
(2) E	(2) Electronic devices, as described in section 66273.3, subsection (a);					
(3) Mercury-containing equipment, as described in section 66273.4, subsection (a);						
(4) Lamps, as described in section 66273.5, subsection (a) (including, but not limited to, M003 wastes);						
(5) Cathode ray tubes, as described in section 66273.6, subsection (a);						
(6) C	(6) Cathode ray tube glass, as described in section 66273.7, subsection (a);					
(7) A	(7) Aerosol cans, as specified in Health and Safety Code section 25201.16; and					
(8) PI	(8) Photovoltaic modules, as described in section 66273.7.1, subsection (a).					
(b) Unless specified otherwise in section 66273.60, universal wastes shall be managed as hazardous wastes pursuant to chapters 10 through 16, 18, and 20 through 22 of this division upon arrival at a destination facility.						
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	RCRA H	azardous	Calif. Ha	zardous		RCRA H	azardous	Calif. Ha	zardous
		TCLP	STLC	TTLC			TCLP	STLC	TTLC
Compound	EPA #	(mg/L)	(mg/L)	(mg/kg)	Compound	EPA #	(mg/L)	(mg/L)	(mg/kg
Aldrin			0.14	1	Hexachloroethane	D034	3		
Antimony			15	500	Kepone			2.1	21
Arsenic	D004	5	5	500	Lead	D008	5	5	1,000
Asbestos			n/a	1.0%	Lead (organic compounds)			n/a	13
Barium	D005	100	100	10,000	Lindane	D013	0.4	0.4	4
Benzene	D018	0.5			m-Cresol	D024	200		
Beryllium			0.75	75	Mercury	D009	0.2	0.2	20
Cadmium	D006	1	1	100	Methoxychlor	D014	10	10	100
Carbon Tetrachloride	D019	0.5			Methyl ethyl ketone	D035	200		
Chlordane	D020	0.03	0.25	3	Mirex			2.1	21
Chlorobenzene	D021	100			Molybdenum			350	3,50
Chloroform	D022	6			Nickel			20	2,00
Chromium	D007	5	560	2,500	Nitrobenzene	D036	2		
Chromium VI			5	500	o-Cresol	D023	200		
Cobalt			80	8,000	p-Cresol	D025	200		
Copper			25	2,500	Pentachlorophenol	D037	100	1.7	17
Cresol	D026	200			Polychlorinated Biphenyls (PCBs)			5	50
DDT. DDE. DDD			0.1	1	Pvridine	D038	5		
1.1-Dichloroethylene	D029	0.7			Selenium	D010	1	1	100
1.2-Dichloroethane	D028	0.5			Silver	D011	5	5	500
1.4-Dichlorobenzene	D027	7.5			Tetrachloroethylene	D039	0.7		
2 4-D (2 4-Dichlorophenoxyacetic					Thallium			7	700
acid)	D016	10	10	100	Toxaphene	D015	0.5	0.5	50
Dieldrin			0.8	8	2.4.5-TP (Silvex)	D017	1		
2.4-Dinitrotoluene	D030	0.13			Trichloroethylene	D040	0.5	204	2.04
Dioxin (2.3.7.8-TCDD)			0.001	0.01	2.4.5-Trichloro-			1	10
510/all (2;0;1;0 1000)			0.001	0.01	phenoxypropionic acid				
Endrin	D012	0.02	0.02	0.20	2.4.5-Trichlorophenol	D041	400		
Fluoride	-		180	18 000	2 4 6-Trichlorophenol	D042	2		
Heptachlor	D031	0.008	0.47	5	Vanadium		-	24	2,400
Hexachlorobenzene	D032	0.13			Vinvl Chloride	D043	0.2		, ,
Hexachlorobutadiene	D033	0.5			Zinc			250	5.00
NOTES: For Info or Hazardous Waste Support Call: 1. For liquid with low solids TTLC = TCLP = STLC Northern CA Southern CA 2. If TTLC ≥ 10 x STLC value, run TCLP test for that constiuent Michael Dudasko Geoff Knight 3. If TTLC ≥ 10 x STLC value, run STLC test for that constiuent MUchael Dudasko GKnight@YorkeEngr.com 4. Both may be needed - a CA haz waste must not be a RCRA haz waste (M) 510-859-6035 (M) 949-324-2728						.com			

. Don thorget to run lish bloassay in needed





Case Study: Fred's Waste Testing RCRA Hazardous Calif. Hazardous TCLP STLC TTLC EPA # (mg/L) (mg/L)(mg/kg) Compound Hexachloroethane D034 3 2.1 21 Kepone D008 5 1,000 5 Lead Fred has a solid material he suspects could be hazardous. He tests for total lead and the lab reports a result of 1,200 mg/kg. Fred classifies his waste as a Non-RCRA hazardous waste because the result exceeds the TTLC limit. Is Fred correct? 28 © Copyright 2024, Yorke Engineering, LLC



































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	Understanding Laboratory Reports					
	Ing	Case Narrative	Job ID: 570-80987-1			
	Job ID: 570-80987-1					
	Laboratory: Eurofins Calscience					
	Narrative					
	Job Narrative					
	Comments No additional comments. Receipt The sample was received on 1/6/2022 4:35 PM. required, property preserved and on ice. The ten	Unless otherwise noted below, the sam nperature of the cooler at receipt was 3.8	ple arrived in good condition, and where 5° C.			
	Metals Method 6010B: The matrix spike / matrix spike d 440-664424 and analytical batch 440-664645 we suspected because the associated laboratory co	uplicate (MS/MSD) recoveries and precis re outside control limits. Sample matrix ntrol sample (LCS) was within acceptanc	sion of Cobalt and Antimony for preparation batch interference and/or non-homogeneity are ce limits			
	Method 6010B: The following sample was diluted due to the nature of the sample matrix: 010522-DSP097 (570-80987-1). Elevated reporting limits (RLs) are provided. No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.					
	Lab Admin No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.					
Y	Subcontract Work Method 96-Hr Acute Toxicity Bioassay: This meth laboratory certification is different from that of the	hod was subcontracted to Aquatic Testin facility issuing the final report.	g Laboratories - Ventura, CA. The subcontract			
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EPA Waste Codes { D001	State Waste Codes CA352	Additional Description (Section J)
DOT Shipping Description UN1325, Wast (baber/rads/oil/laduer thinner), 4.1. PGII	e Flammable solids, organic, n.o.s.	Special Handling (Section 15) debris/laquer thinner-/app#10080147
CHARACTERISTICS Reactivity Shock Sensitive DOT Explosive Water Reactive Pyrophoric Air Reactive Oxidizer Acid Reactive Cyanides Altallue React Sulfides Polymerizable	Physical State: Solid Liquid Solid 100 Sludge Gas Phases/Layers: Single Viscosity: N/A Chlorine Content: 0 pH: <u>N/A</u> BTU/L	Density: 8:00 Specific Gravity: 0.86 Flash Point (F): <140 Boiling Point (F): 1/2 Color/Appearance: various Odor: None X Mild Strong Describe: thinner
CONSTITUENTS rags Oil laquer thinner paper	Arg% Min% Max% 50.00 45.00 56.00 10.00 5.00 16.00 15.00 10.00 20.00 50.00 45.00 65.00	OTHER COMPONENTS PCB's 0.00 ppm Cynnides 0.00 ppm Phenolics 0.00 ppm Sulfides 0.00 ppm Dioxins 0.00 ppm Pesticides 0.00 ppm Halogens 0.00 ppm ANNUAL REPORT CODES Source Code: Point of Measure: Form Code: Form Code: Radioactive Mixed:
METALS X None TOTAL ENGINEERING, LLC	(ppm) TCLP (mg/L)	REGULATORY INFORMATION Generating Process: Infectious or Biological NRC Regulated Waste? No Radioactive? No Is this waste regulated antler Spent Supart CC (VOC>=500 ppm? No Slovent? No Is this waste regulated as an ozone depleting substance © Copyright 2024, Yorke Engineering, LLC

















