

NON-HAZARDOUS WASTE PROFILE SUMMARY

For Facility Use Only



Biotechnology

JOB # _____

This non-hazardous waste profile document is designed to be a complete and accurate representation of the waste material offered for disposal. This detailed information will allow us to quickly and correctly determine the best method to handle the material. Please be sure to complete each area of the profile leaving no blanks.

I. GENERATOR INFORMATION

Company Name: Kmx Chemical Corporation
Address: 30474 Energy Dr., P.O. Box 280
New Church, VA 23415
Contact Person: Barbara Godwin Phone: 757-824-3600 Fax: 757-824-6038
Waste Site Location: 30474 Energy Drive
Primary Business activity at this location: Chemical Recycling

II. BILLING INFORMATION

Company Name: Kmx Chemical Corp.
Address: P.O. Box 280
New Church, VA 23415
Contact Person: Barbara Godwin Phone: 757-824-3610 Fax: 757-824-6038

III. SHIPPING INFORMATION

Anticipated volume: 20,000 gallons
Disposal Frequency: One time Week Month Year
Shipped in: Bulk Drum

IV. WASTE CHARACTERIZATION

Waste common name: Waste water
Description of process generation waste: Rain water from secondary containment
Physical Characteristics
Flashpoint Exact (OF) _____ pH Exact _____
<140 140 - 200 >200 <2 2-5 5-9 9-12.5 >12.5
Specific Gravity (water = 1.0) Exact _____ Reactive: Yes No
<.8 0.8-1.0 1.0 1.0-1.2 >1.2
Phases Single Double Multi Percent Liquid _____ Percent Solid _____
Viscosity: Low Medium High Odor: None Mild Strong

PO BOX 26287 * RICHMOND, VIRGINIA 23260 * 710 HOSPITAL STREET RICHMOND, VIRGINIA 23219
Phone: 804.644.2800 * Fax: 804.644.1335

Website: www.recobio.com * Email: info@recobio.com

AQUA CLEAN ENVIRONMENTAL OF VIRGINIA, LLC dba RECO BIOTECHNOLOGY



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Material Composition:
Constituent Water

Circle
Concentration ppm or % 95

Does the material contain levels at or above the following concentrations?

EPA Limit (mg/L)	YES	NO		YES	NO	
Arsenic	5.00	<input type="checkbox"/>	<i>per Barbara conversation on 1-29-10</i>	Hexachlorobenzene	0.13	<input type="checkbox"/>
Barium	100.00	<input type="checkbox"/>		Hexachlorobutadiene	0.50	<input type="checkbox"/>
Benzene	0.50	<input type="checkbox"/>		Hexachloroethane	3.00	<input type="checkbox"/>
Cadmium	1.00	<input type="checkbox"/>		Lead	5.00	<input type="checkbox"/>
Carbon Tetrachloride	0.50	<input type="checkbox"/>		Lindane	0.40	<input type="checkbox"/>
Chlordane	0.03	<input type="checkbox"/>		Mercury	0.20	<input type="checkbox"/>
Chlorobenzene	100.00	<input type="checkbox"/>		Methoxychlor	10.00	<input type="checkbox"/>
Chloroform	6.00	<input type="checkbox"/>		Methyl ethyl ketone	200.00	<input type="checkbox"/>
Chromium	5.00	<input type="checkbox"/>		Nitrobenzene	2.00	<input type="checkbox"/>
o-Cresol	200.00	<input type="checkbox"/>		Pentachlorophenol	100.00	<input type="checkbox"/>
m-Cresol	200.00	<input type="checkbox"/>		Pyridine	5.00	<input type="checkbox"/>
p-Cresol	200.00	<input type="checkbox"/>		Selenium	1.00	<input type="checkbox"/>
Cresol	200.00	<input type="checkbox"/>		Silver	5.00	<input type="checkbox"/>
2,4-D	10.00	<input type="checkbox"/>		Tetrachlorethylene	0.70	<input type="checkbox"/>
1,4-Dichlorobenzene	7.50	<input type="checkbox"/>		Toxaphene	0.50	<input type="checkbox"/>
1,2-Dichlorethane	0.50	<input type="checkbox"/>		Trichloroethylene	0.50	<input type="checkbox"/>
1,1-Dichloroethylene	0.70	<input type="checkbox"/>		2,4,5-Trichlorophenol	400.00	<input type="checkbox"/>
2,4-Dinitrotoluene	0.13	<input type="checkbox"/>		2,4,6-Trichlorophenol	2.00	<input type="checkbox"/>
Endrin	0.02	<input type="checkbox"/>		2,4,5-TP (Silvex)	1.00	<input type="checkbox"/>
Heptachlor	0.01	<input checked="" type="checkbox"/>		Vinyl chloride	0.20	<input checked="" type="checkbox"/>

VI. GENERATOR CERTIFICATION

The submitted information is based on:
Generator Knowledge: Analytical Sampling Method Grab Composite

I hereby certify that all the information submitted in this and attached documents is complete and accurate to the best of my knowledge.

Chris Thomas QC Manager 1/26/09
Authorized Signature Title Date

* RUN # 172 JAN 15, 2010 23:40:59
 START

#98

Waste water

RF 95%

```

  2.24585      3.472
  4.066
  5.061
  6.394
  7.360
  8.446
  8.774
  9.187
  9.835
  10.381
  11.846      12.500
  17.958
  15.503
  17.568
  18.400
  19.214
  19.823
  20.442
  20.725
  22.030
  22.375
  23.062
  24.000
  25.000
  
```

RUN# 172 JAN 15, 2010 23:40:59

AREAX

RT	AREA	TYPE	WIDTH	AREAX
2.417	4273	PV	.046	.18328
2.565	30650	UB	.045	1.31465
3.472	361160	PB	.063	15.49104
4.065	18420	BP	.073	.79008
4.310	21012	PV	.086	.90126
4.546	18236	UU	.075	.78219
5.061	4929	BP	.113	.21142
6.394	4177	BU	.099	.17916
7.360	2110	UP	.079	.09050
8.446	7407	PP	.077	.31770
8.774	2308	PP	.129	.10243
9.187	32124	PB	.081	1.37788
9.835	22142	PV	.132	.94973
10.381	2923	UU	.187	.12537
11.846	2412	BU	.114	.10346
12.500	1556104	PB	.152	66.74515
13.959	1814	BP	.064	.07781
14.328	2787	PP	.078	.11954
15.503	844	PV	.078	.03620
18.400	82691	PB	.095	3.54682
19.214	663	BU	.079	.02844
19.370	1327	UP	.104	.05692
19.823	28852	PV	.071	1.23753
20.442	3772	PV	.069	.16179
20.725	1188	UU	.074	.05096
22.030	10444	PV	.071	.44797
22.375	4495	UU	.147	.19280

ETOH → <1%
 H₂O → 95.0
 EGs → 3.3
 DEGs → 0.2
 Umknth → $\frac{1.5}{100.0}$

→ 0.06
 → ETOH?

→ 0.06

→ 3.3 EGs

→ DEGs

→ ? potential high boiler