

WASTE PROFILE CHARACTERIZATION

Sample must be sent with completed form to Stablex Canada / Technical Advisor 760 Industrial Blvd. Blainville (Quebec) J7C 3V4 Completed form can be sent electronically to our Technical Advisor Nelie Nkweni

nnkwemi@republicservices.com Tél: (450) 430-9230 poste 884744

Generator code: Product code: Representative: For internal use only Client code: Stablex category code: Priority: A. GENERATOR Check if T.S.D.F. Name: SIC / NAICS code: Mailing address: Prov./State: City: Code Site address : City: Prov./State: Code Mailing address – EPA ID NUMBER : Site address - EPA ID NUMBER: Contact: Tel: E-mail: Fax: **BILLING INFORMATION (CLIENT)** Check if generator is also client Name: Prov./State: Mailing address: City: Code Customer contact: Tel: E-mail: Fax: **B. WASTE INFORMATION** Waste common name: ☐ MSDS attached Chemical / trade name: Proper shipping name: RQ: ☐ yes ☐ no UN: Hazard class: Packaging Group: Process generating waste: C. SHIPMENT METHOD AND ANTICIPATED VOLUME ☐ T.sac / tote Bulk solid
Bulk liquid Estimated quantity: _____ \square m³/y³ \square tons \square litres gallons drums □ Bag _____ □ kg □ lb Drums per 🗌 week 🔲 month 🔲 quarter 🔲 year 🔲 Number of shipments: ☐ Other D. PHYSICAL / CHEMICAL CHARACTERISTICS Reactivity Physical characteristics Not Physical state at 20°C (70°F) Yes No Specify availabl П П Acid reactive \Box П Alkali reactive Color Air reactive (pyrophoric) Water reactive Odour Shock and spark sensitive П \Box (explosive) Chlorates % solid % liquid **Nitrates** \Box Contaminated soil Oxidizer **Peroxides** Drum bulking Other (specify) Dust ☐ Liquid with settled solids Borohydrides Hydrazines Liquid without sediment Reducer ☐ Not pumpable slurry Other (specify) Pumpable slurry ☐ Solid with free liquid Carcinogenic ☐ Solid without liquid Radioactive П Flammable or combustible Flashpoint: D1B D1A D2A D2B Associated debris Health and safety aspect



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_	% 1				Size:	Size: cm Handling care:				
	Pipe									
	Stone, b									
		Wood								
	Steel				Incompatibilities :					
	Plastic bags									
	Other					Toxic and/or flammable gas release potential:				
Total	100%									
E. GENERA	L COMPOSITION	ON		_	NIC FORM)			_		
			Type of extraction:			☐ total				
			Arsenic (As)				ppm	Tin (Sn)	ppm	
				Silver (Ag) Barium (Ba)			ppm	Mercury (Hg) Nickel (Ni)	ppm	
			Cadmium (Cd)				ppm ppm	Lead (Pb)	ppm ppm	
				Chromium tri.(Cr+3)			ppm	Selenium (Se)	ppm	
			Chromium hex.(Cr ⁺⁶)				ppm	Zinc (Zn)	ppm	
See [O (Debris)		Copp	oer (Cu)			ppm	Uranium	ppm	
	Total		Boron	า (B)			ppm	Other	ppm	
G. METAL ((ELEMENTAL FO	ORM)				0.				
☐ No	Yes		ppm	l		Siz	e of particule	S	mm	
	☐ AI	☐ Pb] Mg	☐ Hg		K	la 🗌 Other:		
H. OTHER COMPONENTS										
[·	Description		Yes	No	Not	-	/% or mg/kg		Remarks	
					availabl	%	mg/kg		Korrano	
Asbestos										
Ammonia			_Ц_		\perp					
Beryllium			_Ц_	\Box	\perp					
Cyanide			-							
Dioxins / furans										
Fluoride			 							
Mercury vo			 							
Oil and grease					$\vdash \vdash$					
Pesticides										
Phenolic's										
Polychlorinated biphenyl (PCB) Sulfides / mercaptans				\vdash	\vdash					
		ino								
Trimethylamine / Triethylamine Volatile organic compound										
Nitrate/nitri	<u> </u>	Ли								
Others	lie .									
	NAL COMME	UTC.			-L DECUIR	ED COD III	CENEDATO	<u> </u>		
I. ADDITIONAL COMMENTS J. REQUIRED FOR U.S. GENERATOR In the second of										
Is the waste restricted under EPA Land Disposal Restrictions (40 CFR 268)? Yes										
			Is the waste regulated under CERCLA (Superfund)?							
				Does the waste contains UHCs constituents of concern? Yes No						
List all EPA hazardous waste codes:										
I hereby certify that all information submitted to this and all attached documents are complete and accurate to the best of my knowledge and that all known or suspected hazards have been disclosed. I also certify that the sample submitted is representative of the waste stream described above.										
Signature							Ti	tle	Date	



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Please read the following instructions carefully prior to filling-out the form. Please print. All missing information may cause delays in processing this request.

Section A - Commercial information

Give all information including contact names.

Note that mailing address may differ from the pick-up site.

Identify the client's name if he is different from the generator's name.

Section B – Waste information

Waste name: the name must describe the chemical and physical nature of the waste (ex: metal hydroxide sludge).

Process generating the waste: explain the type of process involved (ex: electroplating operation).

Section C - Shipment method and anticipated volume

Indicate the shipment method and the approximate volume of each shipment and number of shipments or, for a project, total estimated volume.

Section D - Physical / chemical characteristics

Odour: indicate and describe any perceptible odour (ex: anaerobic degradation) Reactivity:

- Acid reactive: waste reacting violently with acids and/or releasing toxic or flammable gases
- Alkaline: reactive waste reacting violently with alkali and/or releasing toxic or flammable gases
- Air reactive (pyrophoric): any substance that ignites upon simple contact with open air
- Water reactive: waste reacting violently in water and/or releasing toxic or flammable gases
- Shock and spark sensitive (explosive): waste causing an explosion when exposed to shocks, impacts or friction
- Oxidizer: substances contributing to maintain combustion
- Reducer: substances supplying electrons to any metals
- Carcinogenic: cancer related substances
- Radioactive: waste spontaneously emitting ionised radiation
- Flammable or combustible: waste that may cause or sustain combustion

Associated debris: check the types of debris associated with the waste and indicate percentage (in relation to a whole).

Health & safety: provide any pertinent information.

Section E - General composition

Describe any major components included in the waste (include percentage of debris described in section D).

Section F - Metals (ionic form)

Indicate all soluble metals and specify the extraction method used. Attach any pertinent analyses.

Section G - Metals (metallic form)

Do not confuse metallic objects classified as debris such as tanks, steel beams, etc. These are metals derived from manufacturing process like turning or metal shaving.

Section H - Other components

List all known contaminants and their concentrations.

Section I - Additional comments

Include any pertinent information that could help to evaluate the waste, the source and the contamination history.

Section J - Required for U.S. Generators

Complete the information in regards to U.S. regulations.

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