

Waste	European List of Waste code, origin of waste 19 01 07* (Wastes from incineration or pyrolysis of waste, Solid waste from gas treatment) 19 01 07* (see above) 19 01 05* (Filter cake from gas treatment)
Air pollution control (APC) residue, bicarbonate process APC residue, lime process	19 01 07* (Wastes from incineration or pyrolysis of waste, Solid waste from gas treatment) 19 01 07* (see above)
bicarbonate process APC residue, lime process	of waste, Solid waste from gas treatment) 19 01 07* (see above)
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MSWI fly ash	19 01 05* (Filter cake from gas treatment)
APC residue industrial waste #1	19 01 07* (see above)
APC residue industrial waste #2	19 01 07* (see above)
Industrial waste bottom ash	19 01 11* (Bottom ash and slag containing dangerous substances)
Metallic dust from aluminum industry	10 03 19 * (Flue-gas dust containing dangerous substances)
Packages and materials #1	No information
	Industrial waste bottom ash Metallic dust from aluminum industry

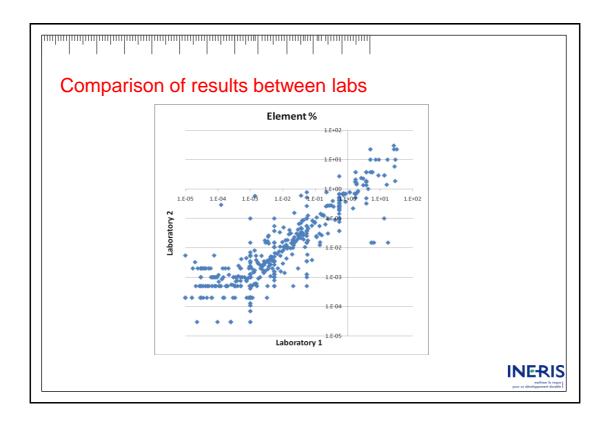
	Waste	European List of Waste code, origin of waste
Solid/Name		
S8-GEO	Packages and materials #2	19 12 11* (Other wastes (including mixtures) from the mechanical treatment of wastes containing hazardous substances)
S8-SAR	Packages and materials #3	19 12 11* (see above)
S8-SCO	Packages and materials #4	15 01 10* (Packaging containing residues of hazardous or contaminated by residues).
S8-TRI	Packages and materials #5	No information
S9-GEO	Pasty waste #1	19 08 13* (Sludges containing dangerous substances from other industrial water treatment plant)
S9-SCO	Pasty waste #2	 08 01 13* (Sludges from paint or varnish containing organic solvents or other dangerous substances), 08 04 11* (Adhesives and sealants sludges containing organic solvents or other hazardous substances)
S18	Solid recovered fuel	19 12 10 (Fuel waste (fuel from waste))

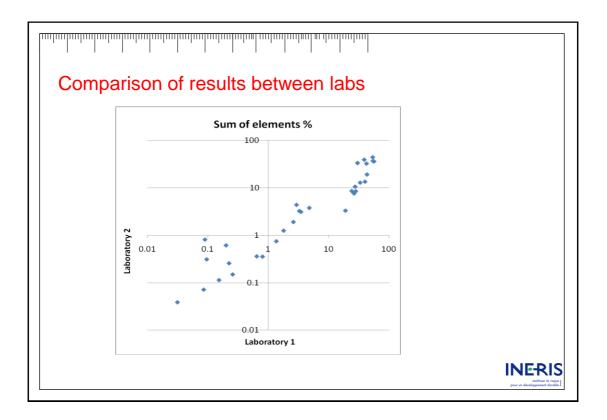
Liquid/Name	Waste	European List of Waste code, origin of waste
S9-SAR	Pasty waste #3	Mix of storage tank
S10	Engine oil	13 02 08* (Other motor oils, gear and lubricating)
S11	Hydraulic oil	13 01 13* (Other hydraulic oils)
S12-SON	Hydrocarbon #1	13 07 03* (Wastes of liquid fuels Other fuels (including mixtures))
\$13-SCO	Hydrocarbon #2	13 05 07* (Water mixed with oi from oil / water separators), 13 07 03* (see above)
S13-SON	Hydrocarbon #3	Mixture of wastes of oils and liquic fuels without motor and lubricating oil and hydraulic oil
S14-PCX	Halogenated solvent #1	07 01 03* (Organic halogenated solvents, washing liquids and mother liquors)
S14-SAN	Halogenated solvent #2	No information
S14-SAR	Halogenated solvent #3	14 06 02* (Other solvents and mixtures of halogenated solvents)

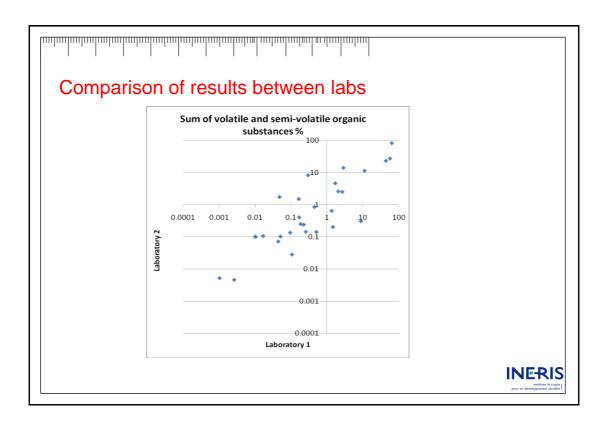
Liquid/Name	Waste	European List of Waste code, origin of waste
815	Non- halogenated solvent #1	Other solvents, washing liquids and mother liquors from : 07 01 04* (Wastes from the manufacture, formulation, distribution and use (MFSU) of basic organic chemicals), 07 02 04* (Waste from MFSU of plastics, rubber and synthetic fibers), 07 05 04* (Waste from MFSU pharmaceuticals), 07 06 04* (Waste from MFSU of fats, soaps, detergents, disinfectants and cosmetics), 07 07 04* (Waste from MFSU chemicals from the fine chemicals and chemical products not elsewhere specified)
S16-CHI	Waste water #1	16 10 01* mixture of (Aqueous liquid wastes destined for off-site treatment, Aqueous liquid wastes containing dangerous substances).
S16-DUC	#2, mixture	 08 04 16 (Waste from MFSU of adhesives and sealants (including waterproofing products, Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15), 11 01 06* (Wastes from chemical surface treatment and coating of metals, Acids not elsewhere specified), 11 01 11* (11 01, Aqueous rinsing liquids containing dangerous substances), 11 01 13* (11 01, Degreasing wastes containing dangerous substances), 11 01 98* (11 01, Other wastes containing dangerous substances – note : mirror code of 99 code used in France for hazardous waste), 12 01 09* (Wastes from shaping and physical and mechanical processing of metals and plastics, Machining emulsions and solutions free of halogens), 12 01 99 (12 01, Wastes not otherwise specified), 19 07 03 (Landfill leachate other than those mentioned in 19 07 02)

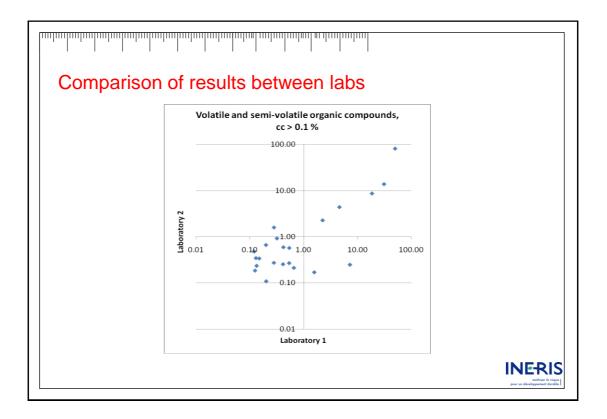
Liquid/Na me	Waste	European List of Waste code, origin of waste
S16-GEO	Waste water #3	19 12 04* Waste from mecanic treatment (by example sorting, shredding, compacting, granulating) not specified elsewhere. Plastics and rubber.
S16-HOM	Waste water #4	No information
S16-SAR	Waste water #5	16 10 01* mixture of (Aqueous liquid wastes destined for off-site treatment, Aqueous liquid wastes containing dangerous substances).
S16-SCO	Waste water #6	Wash water liquids and mother liquors from : 07 01 01* (Wastes from the manufacture, formulation, distribution and use (MFSU) of basic organic chemicals), 07 02 01* (Waste from MFSU of plastics, rubber and synthetic fibers), 07 03 01* (Wastes from the MFSU of organic dyes and pigments (except 06 11)), 07 04 01* (Wastes from the MFSU of organic plant protection products (except 02 01 08, 02 01 09), of wood protection agents (except 03 02) and other biocides), 07 05 01* (Waste from MFSU pharmaceuticals), 07 06 01* (Waste from MFSU of fats, soaps, detergents, disinfectants and cosmetics), 07 07 01(Waste from MFSU chemicals from the fine chemicals and chemical products not elsewhere specified)
S17	Liquid recovered	19 12 10 (Fuel waste (fuel from waste))

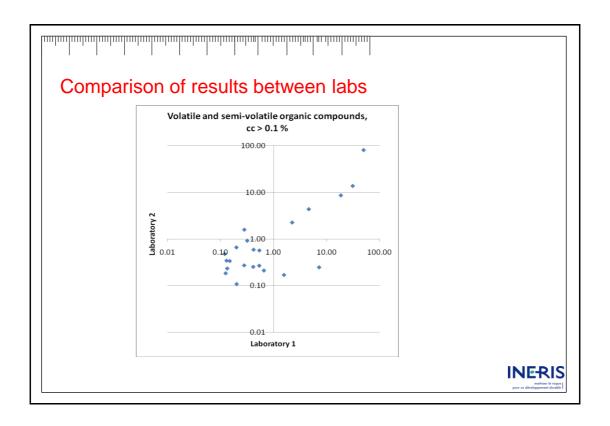
Results : exemple of mass ± 7 000 results and groups for the 32		two laboratories	
Substances/group (% m)	Lab1	Lab2	
S6 : Industrial waste bottom ash	97.26	95.83	
Non-extractible organic compounds (pool)	9.60	5.30	
Volatile organic compounds (sum of -)	0.11	0.03	
Volatile organic compounds (sum of -)	0.00	0.00	
Total Petroluem Hydrocarbons (TPH)	0.56		
Ash content – Metals (sum of -)	44.64	58.98	
Metals (sum of -)	42.36	31.52	





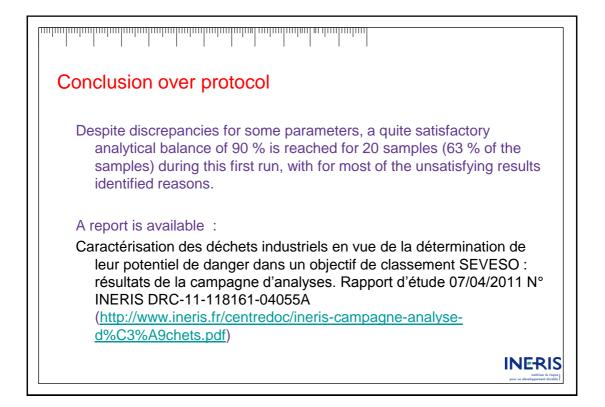


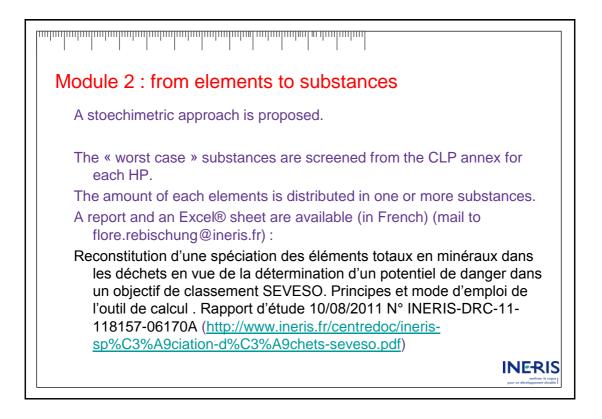


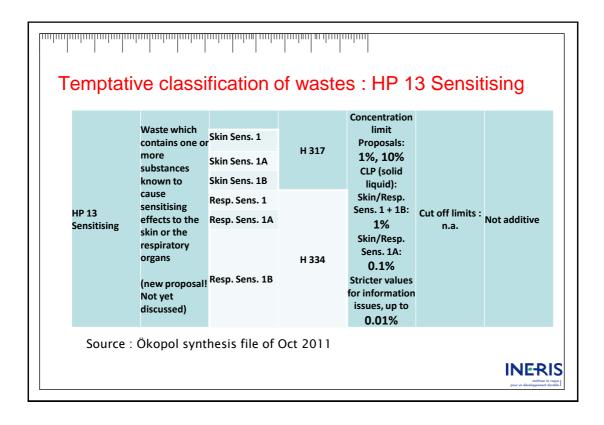


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Results : mass balance for solid sample	es	
Teneur en substance pour bilan de masse (% m)	Lab1	Lab2
S1 : APC Bicarbonate	126.00	99.96
S2 : APC Lime	98.70	99.83
S3 : MSWI fly ash	99.40	99.59
S4 : APC residue industrial waste #1	91.21	99.81
S5 : APC residue industrial waste #2	92.31	99.80
S6 : Industrial waste bottom ash	97.26	95.83
S7 : Metallic dust from aluminum industry	95.05	101.35
S8-DON : Packages and materials	64.91	80.04
S8-GEO : Packages and materials	75.60	89.60
S8-SAR : Packages and materials	104.59	91.34
S8-SCO : Packages and materials	84.52	100.50
S8-TRI : Packages and materials	40.88	67.45
S9-GEO : Pasty waste	100.03	85.24
S9-SCO : Pasty waste	100.80	79.41
S18 : Solid recovered fuel	98.61	94.39

Results : mass balance for liquid samples					
Teneur en substance pour bilan de masse (% m)	Lab1	Lab2			
S9-SAR : Pasty waste	104.76	96.06			
S10 : Engine oil	90.28	84.67			
S11 : Hydraulic oil	87.36	82.83			
S12-SON : Hydrocarbon	23.01	70.39			
S13-SCO : Hydrocarbon	95.79	112.73			
S13-SON : Hydrocarbon	97.27	97.24			
S14-PCX: Halogenated solvent	62.17	27.25			
S14-SAN : Halogenated solvent	96.58	83.63			
S14-SAR : Halogenated solvent	71.97	89.06			
S15: Non-halogenated solvent	66.45	57.88			
S16-CHI : Waste water	101.47	95.92			
S16-DUC : Waste water	99.18	96.83			
S16-GEO : Waste water	100.11	97.20			
S16-HOM : Waste water	99.41	101.40			
S16-SAR : Waste water	88.42	97.39			
S16-SCO : Waste water	97.70	90.69	\$		
S17 : Liquid recovered fuel	47.00	66.18	able		

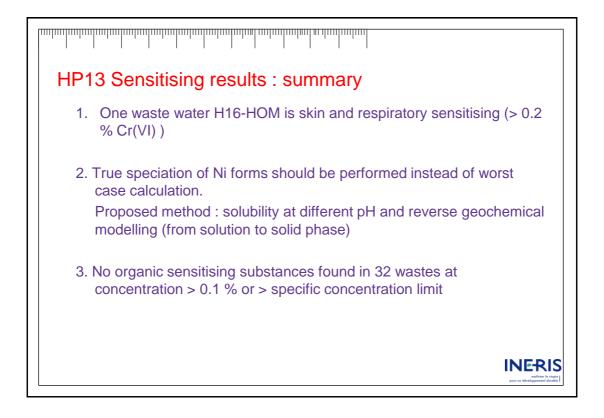


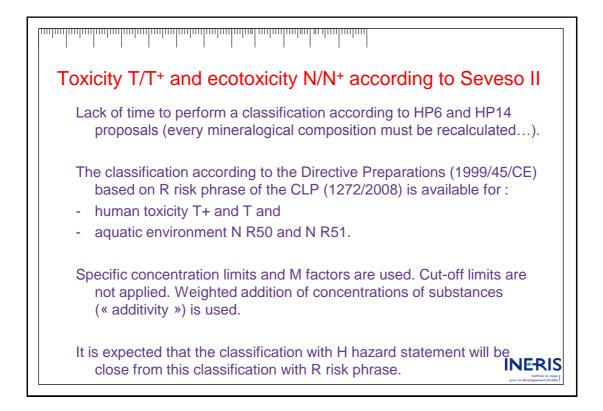




Sample Lab2	Skin Sens H317	Resp Sens H334
Solid		
S4	Ni 0.0216%	
S5	Ni 0.0209%	
S6	Ni 0.2526%	
S8-DON	Ni 0.0484%	
S8-SAR	Ni 0.2463%	
S9-SCO	Ni 0.1110%	
Liquid		
S16-HOM	Cr(VI) 0.2739%	Cr(VI) 0.2739%

HP 13 Sensitising / organic substa	ances : U Sens/	32
HP 13 Sensitising substances	Highest obs. concentration (%)	Occurrence /32
2-Propenoic acid, 2-ethylhexyl ester 2-Propenoic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1- ethanediyl)] ester	0.0372 0.0240	:
benzo(a)pyrene	0.0120	!
Metalaxyl	0.0023	
2-Propenoic acid, 2-methyl-, methyl ester	0.0013	:
octhilinone (ISO); 2-octyl-2H-isothiazol-3-one	0.0001263	
Penoxaline	0.0000806	
Trifluralin	0.0000632	
Bisphenol A	0.0000295	
Prosulfocarb	0.0000036	





Risk Phrase	Classified HAZARDOUS by both labs	Classified HAZARDOUS by one lab and not by the other	Classified NOT HAZARDOUS by both labs
T+	0/32	0/32	32/32
Т	0/32	1/32	31/32
N R50/53	6/32	2/32	24/32
N R51/53	8/32 N R51/53 (and 6 NR50) 16/32 (14 identical	4/32	14/32
All	classes and 2 different classes)	3/32	13/32

Substances/Elements potentially triggering the
classification as hazardous N and N+:
APC, fly ash : Cd, Pb, Zn, Co ;
Industrial bottom ash : Cd, Pb, Hg, Zn ;
Metallic dust from aluminum industry : PAH, Cd, Pb, Hg ;
Packages and materials : Cd, Pb, Hg, Zn, Cu, chromium(VI), pesticides (chorpyrifos) ;
Pasty waste (considered solid after pretreatment) : Cd, Cu, Pb, Hg, chromium(VI), Zn ;
Solid recovered fuel : Cd, Cu, Pb, Hg, chromium(VI), Zn ;
Pasty waste (liquid) : Cd, Pb ;
Hydrocarbons : PAH, Hg, Cd ;
Halogenated solvents : volatile halogenated compounds, Pb, Hg, Cd ;
Waste water : chromium(VI), Cd.
INE-RIS Der der Verzu- per en derakgeneren deraktion

