

Questionnaire: HEM - 1

Law on Official Statistics ("Official Gazette of RS", No 104/09)

Code of the survey: 011110

SURVEY ON CONSUMPTION OF HAZARDOUS CHEMICALS FOR 2015

For this survey, there is possibility of on line filling in questionnaire, which is ava part Fast links) or <u>www.euprava.gov.rs.</u>	aialble on web site: <u>pod2.stat.gov.rs/unos</u> or <u>www.stat.gov.rs</u> (ir
ta on the reporting units:	
1. Company name	
(name of the legal person – local incorporated unit)	
2. Registration number	
Sequence number of the part of the legal person –	
3. VAT number – tax identification number	
4. Activity	
5. Municipality	
Settlement Phone number	
Address Street number	
Sequence number of the regional office	
Sequence number of the questionnaire from the address book	
emarks:	
2016	
Filled in by: (Seal)	Head:
(first and last name)	(first and last name)
ntact person:	
nail:	

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Hazardous chemicals (balance for 2015), in kilograms

				Stocks		ised amo n 2015.	Total amo	unt e.				s	Stocks		ed amount 2015.	Total amount	<u>.</u>	1				Stocks		ed amount 015.	Total amount	it e ·
Customs tariff	NIP	Chemical name	UM	as of		of whi		Stocks as	Customs tariff	NIP	Chemical name U		as of		of which:	spent in	Stocks as of 31.12.	Customs tariff	NIP	Chemical name	UM	as of		of which:	spent in	Stock
				01.01.	Total	from		of 31.12.				C	01.01.	Total	from	2015	OT 31.12.					01.01.	Total	from	2015	of 31
1.	2.	3.	4.	5.	6.	impo 7.	δrt 8.	9.	1.	2.	3. 4	4.	5.	6.	7.	8.	9.	1.	2.	3.	4.	5.	6.	import 7.	8.	ç
									2833 22 00 00	2013.41.51 Aluminium si	ulphate k	kg						2915 21 00 00	2014.32.7	1 Acetic acid	kg					
207 [40 _ 50]	0044 70 40	Naphtalene and other aromatic	kg						2833 27 00 00	2013.41.51 Barium sulph	nate k	kg						2915 24 00 00	2014.32.7	7 Acetic anhydride	kg					
07 [40 +50] 7 [91 +99 (70		hydrocarbon mixtures* Oils and other products from oil	kg						2833 00 00 00	2013.41.57 Sulphates (e	exc.Al and Ba)* k	kg						2915 29 00 00	2014.32.7	8 Cobalt acetates	kg					
+80)]		(creosote oil, anthracen, phenols)*	ĸġ						2833 40 00 00	2013.41.75 Peroxosulph		kg						2915 31 00 00	2014.32.1	5 Ethyl acetate	kg					
	4040.00.00	Pitch and pitch coke, obtained from coal	l kg						2836 20 00 00	2013.43.10 Disodium ca		kg						2915 32 00 00	2014.32.1	9 Vinyl acetate	kg					_
08 00 00 00		tar or from other mineral tars*	ka						2836 40 00 00	2013.43.90 Potassium ca		kg						2915 70 00 00	2014.32.3	Palmitic and stearic acid, its salts and	kg					
301 10 00 00	2013.21.11 2013.21.16		kg kg						2836 60 00 00	2013.43.90 Barium carbo		kg						2916 13 00 00		0 Methacrylic acid and its salts	kg					
301 20 00 00 301 30 10 00	2013.21.16		ka						2836 70 00 00	2013.43.90 Lead carbon		kg						2917 12 00 00	2014.33.8		kg					
301 30 10 00 301 30 90 00	2013.21.10		kg						2836 91 00 00	2013.43.90 Lithium carbo		kg kg						2917 14 00 00	2014.33.8	7 Maleic anhydride	kg					
301 <u>50 90 00</u> 304 50 00 00		Boron;Tellurium	kg						2836 99 17 10	2013.43.90 other ammor		ĸg						2917 32 00 00	2014.34.1	0 Dioctylorthophthalate	kg					
804 70 00 00		Phosphorus	kg						0007 00 00 00		vanide oxides and complex k	kg						2917 34 10 00	2014.34.1	0 Dibutylorthophthalates*	kg					
304 80 00 00			kg						2837 00 00 00	2013.62.20 cyanides* Sodium pote	assium dichromate, k	kg						2917 35 00 00	2014.34.3	0 Phthalic anhydride	kg					
804 90 00 00	2013.21.80	Selenium	kg						2841 [30 +50]	2013.51.25 chromates a		Ng						2921 19 50 00	2014.41.1	9 Diethylamine and its salts	kg					
305 11 00 00	2013.23.00	Sodium	kg						2841 50 00 00	2013.51.25 Chromates of		kg						2921 21 00 00		3 Ethylenediamine and its salts	kg					
305 19 00 00	2013.23.00	Alkali metals (exc. Sodium)*	kg						2841 90 00 00	Other salts o 2013.51.75 perometallic	of oxometallic and k	kg						2921 22 00 00	2014.41.2		kg					_
		Rare-earth metals,scandium and yttrium, including their mutual mixtures	kg						2041 30 00 00		,	kq						2921 41 00 00		1 Aniline and its salts	kg					
305 30 00 00	2013.23.00	and alloys*							2841 60 00 00	2013.51.10 permangana		Ŭ						2922 11 00 00		3 Monoethanolamine and its salts	kg					_
305 40 00 00	2013.23.00	Mercury	kg						2843 21 00 00	2013.51.83 Silver nitrate		kg						2922 12 00 00	2014.42.3		kg kg					
06 10 00 00	2013.24.13	Hydrogen chloride (hydrochloric acid)	kg						2847 00 00 00	2013.63.00 or unhardene	eroxide, solidified with urea k	kg						2926 10 00 00 2933 71 00 00		0 Acrylonitrile 0 6-hesanlaktam (epsilon-caprolactam)	kg					_
06 20 00 00	2013.24.15	Chlorosulphuric acid	kg							Phosphides,	or not chemically defined, k	kg						3102 50 00 00	2014.52.8	• • • •	kg					-
807 00 10 00		Sulphuric acid	kg						2848 00 00 00	2013.64.80 excluding iro		10						3102 90 00 10	2015.39.9		kg					
807 00 90 00	2013.24.35		kg						2901 10 00 00	2014.11.20 (Alkanes)*	ocarbons, saturated k	kg						0102 00 00 10	2010.00.0	Pigments and preparations based on	kg					
00 00 00 808		Nitric acid; Sulphonitric acids	kg						2901 21 00 00	2014.11.30 Ethylene	k	kg						3206 11 00 00	2012 24 1	titanium dioxide, >=80% of titanium	Ū					
30910 00 00	2013.24.53	Diphosphorus pentaoxide	kg						2901 24 00 00	2014.11.60 Buta - 1,3 - c	diene k	kg						3206 11 00 00	2012.24.1	Pigments and preparations based on	kg					-
30920 00 00	2013.24.55	Phosphoric acid and polyphosporic acids	kg						2902 11 00 00	2014.12.13 Cyclohexane	e k	kg						3206 19 00 00	2012.24.1	9 titanium dioxide, other*	···g					
10 00 00 00	2013.24.60	Oxides of boron; Boric acids*	kg						2902 20 00 00	2014.12.23 Benzene	k	kg						3206 20 00 00	2012 24 4	Pigments and preparations based on 0 chromium compounds*	kg					
11 11 00 00	2013.24.73	Hydrogen fluoride (hydrofluoric acid)	kg						2902 30 00 00	2014.12.25 Toluene	k	kg						3200 20 00 00	2012.24.4	Pigments and preparations based on	kg					
11 21 00 00		Carbon dioxide	kg						2902 41 00 00	2014.12.43 o-Xilene		kg						3206 49 30 00	2012.24.4	0 cadmium compounds*	Ŭ					_
11 29 05 00	2013.24.77	Sulphur dioxide	kg						2902 42 00 00	2014.12.47 m- Xylene ar	,	kg						3805 00 00 00	2014 71 4	Resin and sulphate turpentine obtained from wood; oil of pine and other conifer	kg					
11 29 30 00	2011.12.70	Nitrogen oxides*	kg						2902 43 00 00	2014.12.45 p-Xylene		kg								Rosin and resin acids, and derivatives;	kg					
12 10 00 00	2013 22 35	Chlorides and chloride oxides of phosphorus*	kg						2902 50 00 00	2014.12.50 Styrene		kg						3806 00 00 00	2014.71.5	0 rosin spirit and oils; run gums						
13 10 00 00		Carbon disulphide	kg						2902 60 00 00	2014.12.60 Ethylbenzen		kg								Wood tar, wood tar oils, wood, wood creosote, wood naphtha, vegetable	kg					
		Phosphorus sulfides, comercial	kg						2902 70 00 00 2902 90 00 10	2014.12.70 Cumene 2014.12.90 Naphtalene,		kg kg								pitch, brewers pitch and similar						
313 90 10 00		phosphorus trisulphide*	ka						2902 90 00 10			kg						3807 00 00 00	2014 71 7	preparations based on rosin, resin acids or vegetable pitch						
314 10 00 00		Ammonia, anhydrous	kg						2903 11 00 00	2014.13.13 monohloreta		.9						3823 11 00 00		0 Industrial stearic acid	kg					
314 20 00 00 315 11 00 00		Ammonia, in aqueous solution Sodium hydroxide (caustic soda), solid	kg kg						2903 12 00 00	2014.13.15 Dichlorometh	() /	kg						3823 12 00 00		0 Industrial oleic acid	kg					
515 11 00 00	2013.23.23	Sodium hydroxide in aqueous solution	kg						2903 13 00 00	2014.13.23 Chloroform (kg							•	·						
		(soda lye or liquid soda)	Ŭ						2903 14 00 00	2014.13.25 Carbon tetra		kg								names of specific chemicals						
815 20 00 00		Potassium hydroxide (caustic potash)	kg						2903 15 00 00	2014.13.53 dichloroethai	hloride (ISO) (1.2 - k ne)	kg						NIP – Nomencla		lustrial products						
815 30 00 00	2013.25.50	Peroxides of sodium or potassium	kg							1.2-propylen	e dichloride and butane k	kg						UM – Unit mes	ure							
		Magnesium hydroxide and peroxide, oxides, hydroxides and peroxides of	kg						2903 19 00 00	2014.13.57 dichloride 2014.13.71 Vinyl chloride	o (blorostilon)	kg														
		strontium or barium*							2903 21 00 00 2903 22 00 00	2014.13.74 Trichloroethy		kg														
		Zinc oxide, zinc peroxide	kg			<u> </u>			2903 22 00 00	2014.13.74 Therachloreth		kg														
		Aluminum hydroxide	kg						2303 23 00 00	Hexachlorob	enzene and DDT (1,1,1- k	kg														
19 10 00 00		Chromium trioxide	kg					_	2002 54 00 00	trichloro-2,2-	bis (p-chlorophenyl)	-														
		Manganese Dioxide Other manganese oxides*	kg kg							2014.19.50 ethane) 2014.19.70 Methanol (M	ethyl) k	kg														
20 90 00 00	2012.12.00	Iron oxides and hydroxides containing >	•	+		+			2303 02 00 00			kg														
21 10 00 00	2012.19.10	= 70% iron (III) oxide*	Ĵ						2905 11 00 00	2014.22.10 propan-2-ol ((izopropilalkohol)	-														
21 20 00 00	2012.19.10	Colors containing> = 70% iron (III)	kg			1				2014.22.20 Butane-1-ol		kg														
		Oxide" Cobalt oxides and hydroxides*	kg						2905 13 00 00	2014.22.30 Butanol, othe		kg														
2 00 00 00		Titanium oxides*	kg			+			2905 14 00 00	2014.22.40 Octanol (okti	/	kg														
24 10 00 00		Lead monoxide (litharge, massicot)	kg						2905 16 00 00	2014.22.63 Ethylene gly		kg														
24 90 10 00		Red lead and orange lead	kg						2905 31 00 00	2014.23.10 Phenol (hydr 2014.24.10 Cresol and th		kg kg														
4 90 90 00		Lead oxides, n.e.c.*	kg						2907 11 00 00			kg														
- 10 00 00	0040.05.00	Hydrazine and hydroxylamine and their	kg						2907 12 00 00	2014.24.10 difenilolpropa	an) and its salts	Ng														
25 10 00 00		inorganic salts	ka						2907 23 00 00	2014.24.33 Diethyl ether		kg														
25 20 00 00		Lithium oxide and hydroxide Vanadium oxides and hydroxides*	kg kg						2909 11 00 00	2,2 '-oksidiet 2014.63.10 digol)	anol (diethylene glycol, k	kg														
25 30 00 00 25 40 00 00		Nickel oxides and hydroxides*	kg			+			2909 11 00 00	2014.63.10 digol) 2014.63.33 Oxirane (eth	vlene oxide) k	kg														
25 40 00 00 25 50 00 00		Copper oxides and hydroxides*	kg						2910 20 00 00	2014.63.75 Methyloxiran	, i	kg														
25 50 00 00 25 70 00 00		Molybdenum oxides and hydroxides*	kg			+			2912 11 00 00	2014.61.11 Methanal (fo		kg														
25 80 00 00 25 80 00 00		Antimony oxides*	kg		-	1			2912 12 00 00	2014.61.13 Ethanal (ace		kg														
		Ammonium chloride	kg			<u> </u>			2912 60 00 00	2014.61.60 Paraformalde		kg														
		Hypochlorites, comercial calcium	kg			1			2914 11 00 00	2014.62.11 Acetone		kg														
28 00 00 00	2013.32.30	hypochlorite, chlorites; hypobromites *							2914 12 00 00	2014.62.13 Butanone (m		kg														
	1	Chlorates to perchlorates; bromates and perbromates; iodates and	kg			1				4-methylpent		kg														
	1		1			1			2914 13 00 00	2014.62.15 ketone) Cyclohexand	and mothyl	kg														
829 00 00 00																										
		Sodium chlorates Sulphides, polysulphides, or not	kg kg						2914 22 00 00	2014.62.33 cyclohexano 2014.32.50 Formic acid	nes*	NY														

EXPLANATORY NOTES

SURVEY ON CONSUMPTION OF HAZARDOUS CHEMICALS (HEM-1)

The questionnaire HEM-1 is to be filled in by all business entities that use chemicals in the production process, which are classified, according to the Classification of Activities, into sections: Mining and quarrying, Manufacturing, and Electricity, Gas, Steam and Air Conditioning Supply and Water supply and sewerage.

Data on the reporting unit are to be entered as asked:

Question 1: Company name – enter the full name of an entity that completes the questionnaire; If a section of the legal entity – local incorporated unit fills in the questionnaire, along with its name, the company name is also to be filled in.

Question 3: Activity – it refers to the activity on the level of the class in which the entity is classified according to the Classification of Activities. If a section of the legal entity – local incorporated unit fills in the questionnaire, it shall enter the activity of the unit, but not that of the business entity it is incorporated in. **Question 4:** Municipality – it refers to the municipality in which the business entity or part thereof – local incorporated unit is located.

For easier completing of the questionnaire, provided is the list of hazardous chemicals according to the customs tariff position and Nomenclature of Industrial Products.

Information on required chemicals to be entered in the table:

Column 1: Fill in the appropriate custom tariff for required chemical from the List of hazardous chemicals.

Column 2: Fill in appropriate NIP for required chemical from the List of hazardous chemicals.

Column 3: Fill in name of chemical from the List of hazardous chemicals.

Column 5: Fill the amount of hazardous chemicals (stocks), as of 01.01.2015, in kilograms.

Column 6: Fill the amount of hazardous chemicals purchased in 2015, in kilograms.

Column 7: Fill the amount of imported hazardous chemicals from total purchased in 2015, in kilograms.

Column 8: Fill the amount of hazardous chemicals spent in 2015, in kilograms.

Column 9: Fill the amount of hazardous chemicals (stocks), as of 31.12.2015, in kilograms.

Data on consumption of hazardous chemicals are necessary for calculating complex indicator "Chemical Index", in order to implement the Convention on Long-Range Transboundary Air Pollution – CLRTAP, Greenhouse Gas Protocol (GHG), Rotterdam Convention (Agreement on International trade in hazardous chemicals and pesticides) and Stockholm Convention (Agreement on Persistent Organic Pollutants).

Chemical is any element, compound or their mixture.

Hazardous chemical is a chemical that can be classified in at least one of the classes.

Carcinogenic chemicals are the chemicals which, if inhaled, swallowed or absorbed through the skin, can cause cancer or increase the risk of it.

Mutagenic chemicals are the chemicals which, if inhaled, swallowed or absorbed through the skin, can cause

genetic changes or increase the risk of them.

Reprotoxic chemicals are the chemicals which, if inhaled, swallowed or absorbed through the skin, can cause hazardous effects on posterity and/ or decrease male or female reproductive functions, i.e. decrease the capabilities or increase the risk of their appearance.

Chemicals that cause sensibilization are the chemicals which, if inhaled, swallowed or absorbed through

the skin, can cause over sensibility and longer exposure to such chemicals can cause characteristic harmful effects.

Very toxic chemicals are chemicals which, if inhaled, swallowed or absorbed through the skin, in small quantities, can cause death, acute or chronic health effects.

Toxic chemicals are the chemicals which, if inhaled, swallowed or absorbed through the skin, in small quantities, cause death, acute or chronic health effects.

Harmful chemicals are the chemicals which, if inhaled, swallowed or absorbed through the skin, cause death, acute or chronic health effects.

Customs Tariff is nomenclature of goods and rates and makes amount of duty prescribed for certain goods listed in the nomenclature.

Questionnaire (HEM-1) and Methodological explanations to the Survey on hazardous chemicals are available on the website of the Statistical Office of the Republic of Serbia - www.stat.gov.rs