REPUBLIC OF SERBIA
Statistical Office of the Republic of Serbia

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 2017

The obligation for provide data is laid down in Article 26, and penalty provisions in Article 52 of the Law on Official Statistics (“Official Gazette of RS“, No 104/2009).
Data will be used for statistical purposes only and will not be published in form of individual data. All data are subject to confidentiality.

This questionnaire can be Filled in electronically. The electronic form is available at: pod2.stat.gov.rs/unos or www.stat.gov.rs (part quick links) or www.euprava.gov.rs.

Data on the reporting unit:

1. **Company name** _____

_____
(name of the legal person – local incorporated unit)

2. **Registration number** _____ | | | | | | | | |

Sequence number of the part of the legal person
- local incorporated unit _____ | | | | |

3. **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 | | |

Remarks:

On_____ 2018

Filled in by: Head:

_____ (Seal) _____
(first and last name) (first and last name)

Contact phone number: | | | | | / | | | | | | | |
(call sign requested)

e – mail _____

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www.stat.gov.rs

Hazardous chemicals (balance for 2017), in kilograms

Customs tariff	NIP	Chemical name	UM	Stocks as of 01.01.	Purchased amount in 2017.		Total amount spent in 2017	Stocks as of 31.12.
					Total	of which: from import		
1.	2.	3.		5.	6.	7.	8.	9.
2707 [40 +50]	2014.73.40	Naphtalene and other aromatic hydrocarbon mixtures*	kg					
2707 [91 +99 (70 +80)]	2014.73.90	Oils and other products from oil (creosote oil, anthracen, phenols)*	kg					
2708 00 00 00	1910.30.00	Pitch and pitch coke, obtained from coal tar or from other mineral tars*	kg					
2801 10 00 00	2013.21.11	Chlorine	kg					
2801 20 00 00	2013.21.16	Iodine	kg					
2801 30 10 00	2013.21.16	Fluorine	kg					
2801 30 90 00	2013.21.16	Bromine	kg					
2804 50 00 00	2013.21.40	Boron;Tellurium	kg					
2804 70 00 00	2013.21.80	Phosphorus	kg					
2804 80 00 00	2013.21.80	Arsenic	kg					
2804 90 00 00	2013.21.80	Selenium	kg					
2805 11 00 00	2013.23.00	Sodium	kg					
2805 19 00 00	2013.23.00	Alkali metals (exc. Sodium)*	kg					
2805 30 00 00	2013.23.00	Rare-earth metals,scandium and yttrium, including their mutual mixtures and alloys*	kg					
2805 40 00 00	2013.23.00	Mercury	kg					
2806 10 00 00	2013.24.13	Hydrogen chloride (hydrochloric acid)	kg					
2806 20 00 00	2013.24.15	Chlorosulphuric acid	kg					
2807 00 10 00	2013.24.33	Sulphuric acid	kg					
2807 00 90 00	2013.24.35	Oleum	kg					
2808 00 00 00	2015.10.50	Nitric acid; Sulphonitric acids	kg					
280910 00 00	2013.24.53	Diphosphorus pentaoxide	kg					
280920 00 00	2013.24.55	Phosphoric acid and polyphosporic acids	kg					
2810 00 00 00	2013.24.60	Oxides of boron; Boric acids*	kg					
2811 11 00 00	2013.24.73	Hydrogen fluoride (hydrofluoric acid)	kg					
2811 21 00 00	2011.12.30	Carbon dioxide	kg					
2811 29 05 00	2013.24.77	Sulphur dioxide	kg					
2811 29 30 00	2011.12.70	Nitrogen oxides*	kg					
2812 10 00 00	2013.22.35	Chlorides and chloride oxides of phosphorus*	kg					
2813 10 00 00	2013.22.60	Carbon disulphide	kg					
2813 90 10 00	2013.22.60	Phosphorus sulfides, comercial phosphorus trisulphide*	kg					
2814 10 00 00	2015.10.75	Ammonia, anhydrous	kg					
2814 20 00 00	2015.10.77	Ammonia, in aqueous solution	kg					
2815 11 00 00	2013.25.25	Sodium hydroxide (caustic soda), solid	kg					
2815 12 00 00	2013.25.27	Sodium hydroxide in aqueous solution (soda lye or liquid soda)	kg					
2815 20 00 00	2013.25.30	Potassium hydroxide (caustic potash)	kg					
2815 30 00 00	2013.25.50	Peroxides of sodium or potassium	kg					
2816 00 00 00	2013.25.60	Magnesium hydroxide and peroxide, oxides, hydroxides and peroxides of strontium or barium*	kg					
2817 00 00 00	2012.11.30	Zinc oxide, zinc peroxide	kg					
2818 30 00 00	2013.25.70	Aluminum hydroxide	kg					
2819 10 00 00	2012.12.00	Chromium trioxide	kg					
2820 10 00 00	2012.12.00	Manganese Dioxide	kg					
2820 90 00 00	2012.12.00	Other manganese oxides*	kg					
2821 10 00 00	2012.19.10	Iron oxides and hydroxides containing > = 70% iron (III) oxide*	kg					
2821 20 00 00	2012.19.10	Colors containing> = 70% iron (III) oxide*	kg					
2822 00 00 00	2012.19.30	Cobalt oxides and hydroxides*	kg					
2823 00 00 00	2012.11.50	Titanium oxides*	kg					
2824 10 00 00	2012.12.00	Lead monoxide (litharge, massicot)						
2824 90 10 00	2012.12.00	Red lead and orange lead						
2824 90 90 00	2012.12.00	Lead oxides, n.e.c.*						
2825 10 00 00	2013.25.80	Hydrazine and hydroxylamine and their inorganic salts						
2825 20 00 00	2012.19.50	Lithium oxide and hydroxide						
2825 30 00 00	2012.19.50	Vanadium oxides and hydroxides*						
2825 40 00 00	2012.19.50	Nickel oxides and hydroxides*						
2825 50 00 00	2012.12.00	Copper oxides and hydroxides*						
2825 70 00 00	2012.19.73	Molybdenum oxides and hydroxides*						
2825 80 00 00	2012.19.75	Antimony oxides*						
2827 10 00 00	2015.20.30	Ammonium chloride						
2828 00 00 00	2013.32.30	Hypochlorites, comercial calcium hypochlorite, chlorites; hypobromites *						
2829 00 00 00	2013.32.50	Chlorates to perchlorates; bromates and perbromates; iodates and periodates*						
2829 11 00 00	2013.32.50	Sodium chlorates						
2830 00 00 00	2013.41.10	Sulphides, polysulphides, or not chemically defined*						

Customs tariff	NIP	Chemical name	UM	Stocks as of 01.01.	Purchased amount in 2017.		Total amount spent in 2017	Stocks as of 31.12.
					Total	of which: from import		
1.	2.	3.		5.	6.	7.	8.	9.
2833 22 00 00	2013.41.51	Aluminium sulphate						
2833 27 00 00	2013.41.51	Barium sulphate						
2833 00 00 00	2013.41.57	Sulphates (exc.Al and Ba)*						
2833 40 00 00	2013.41.75	Peroxosulphates (persulphates)*						
2836 20 00 00	2013.43.10	Disodium carbonate						
2836 40 00 00	2013.43.90	Potassium carbonates*						
2836 60 00 00	2013.43.90	Barium carbonate						
2836 70 00 00	2013.43.90	Lead carbonate						
2836 91 00 00	2013.43.90	Lithium carbonate						
2836 99 17 10	2013.43.90	Commercial ammonium carbonate and other ammonium carbonates*						
2837 00 00 00	2013.62.20	Cyanides, cyanide oxides and complex cyanides*						
2841 [30 +50]	2013.51.25	Sodium, potassium dichromate, chromates and other perhromati*						
2841 50 00 00	2013.51.25	Chromates of zinc or of lead*						
2841 90 00 00	2013.51.75	Other salts of oxometallic and perometallic acids,n.e.c.*						
2841 60 00 00	2013.51.10	Manganites, manganites and permanganates*						
2843 21 00 00	2013.51.83	Silver nitrate						
2847 00 00 00	2013.63.00	Hydrogen peroxide, solidified with urea or unhardened						
2848 00 00 00	2013.64.80	Phosphides, or not chemically defined, excluding iron phosphide*						
2901 10 00 00	2014.11.20	Acyclic hydrocarbons, saturated (Alkanes)*						
2901 21 00 00	2014.11.30	Ethylene						
2901 24 00 00	2014.11.60	Buta - 1,3 - diene						
2902 11 00 00	2014.12.13	Cyclohexane						
2902 20 00 00	2014.12.23	Benzene						
2902 30 00 00	2014.12.25	Toluene						
2902 41 00 00	2014.12.43	o-Xilene						
2902 42 00 00	2014.12.47	m- Xylene and mixed xylene isomers						
2902 43 00 00	2014.12.45	p-Xylene						
2902 50 00 00	2014.12.50	Styrene						
2902 60 00 00	2014.12.60	Ethylbenzene						
2902 70 00 00	2014.12.70	Cumene						
2902 90 00 10	2014.12.90	Naphtalene, anthracene						
2903 11 00 00	2014.13.13	Monohlormetan (methyl chloride) and monohloretan (ethyl chloride)						
2903 12 00 00	2014.13.15	Dichloromethane (methylene chloride)						
2903 13 00 00	2014.13.23	Chloroform (trichloromethane)						
2903 14 00 00	2014.13.25	Carbon tetrachloride						
2903 15 00 00	2014.13.53	Ethylene dichloride (ISO) (1.2 - dichloroethane)						
2903 19 00 00	2014.13.57	1.2-propylene dichloride and butane dichloride						
2903 21 00 00	2014.13.71	Vinyl chloride (hloroetilen)						
2903 22 00 00	2014.13.74	Trichloroethylene						
2903 23 00 00	2014.13.74	Tetrachlorethylene						
2903 51 00 00	2014.19.50	Hexachlorobenzene and DDT (1,1,1-trichloro-2,2-bis (p-chlorophenyl) ethane)						
2903 62 00 00	2014.19.70	Methanol (Methyl)						
2905 11 00 00	2014.22.10	Propane-1-ol (propyl alcohol) and propan-2-ol (izopropilalkohol)						
2905 12 00 00	2014.22.20	Butane-1-ol (n-butyl alcohol)						
2905 13 00 00	2014.22.30	Butanol, other						
2905 14 00 00	2014.22.40	Octanol (oktilalkohol) and its isomers						
2905 16 00 00	2014.22.63	Ethylene glycol (ethanediol)						
2905 31 00 00	2014.23.10	Phenol (hydroxybenzene) and its salts						
2907 11 00 00	2014.24.10	Cresol and their salts						
2907 12 00 00	2014.24.10	4,4 '-izopropilidendifenol (bisphenol A. difenilolpropan) and its salts						
2907 23 00 00	2014.24.33	Diethyl ether						
2909 11 00 00	2014.63.10	2,2 '-oksidietanol (diethylene glycol, digol)						
2909 41 00 00	2014.63.33	Oxirane (ethylene oxide)						
2910 20 00 00	2014.63.75	Methyloxirane (propylene oxide)						
2912 11 00 00	2014.61.11	Methanal (formaldehyde)						
2912 12 00 00	2014.61.13	Ethanal (acetaldehyde)						
2912 60 00 00	2014.61.60	Paraformaldehyde						
2914 11 00 00	2014.62.11	Acetone						
2914 12 00 00	2014.62.13	Butanone (methyl ethyl ketone)						
2914 13 00 00	2014.62.15	4-methylpentan-2-one (methyl isobutyl ketone)						
2914 22 00 00	2014.62.33	Cyclohexanone and methyl cyclohexanones*						
2915 11 00 00	2014.32.50	Formic acid						

Customs tariff	NIP	Chemical name	UM	Stocks as of 01.01.	Purchased amount in 2017.		Total amount spent in 2017	Stocks as of 31.12.
					Total	of which: from import		
1.	2.	3.		5.	6.	7.	8.	9.
2915 21 00 00	2014.32.71	Acetic acid						
2915 24 00 00	2014.32.77	Acetic anhydride						
2915 29 00 00	2014.32.78	Cobalt acetates						
2915 31 00 00	2014.32.15	Ethyl acetate						
2915 32 00 00	2014.32.19	Vinyl acetate						
2915 70 00 00	2014.32.35	Palmitic and stearic acid, its salts and esters						
2916 13 00 00	2014.33.30	Methacrylic acid and its salts						
2917 12 00 00	2014.33.85	Adipic acid, its salts and esters						
2917 14 00 00	2014.33.87	Maleic anhydride						
2917 32 00 00	2014.34.10	Dioctylorthophthalate						
2917 34 10 00	2014.34.10	Dibutylorthophthalates*						
2917 35 00 00	2014.34.30	Phthalic anhydride						
2921 19 50 00	2014.41.19	Diethylamine and its salts						
2921 21 00 00	2014.41.23	Ethylenediamine and its salts						
2921 22 00 00	2014.41.23	Hexamethylenediamine and its salts						
2921 41 00 00	2014.41.51	Aniline and its salts						
2922 11 00 00	2014.42.33	Monoethanolamine and its salts						
2922 12 00 00	2014.42.35	Diethanolamine and its salts						
2926 10 00 00	2014.43.50	Acrylonitrile						
2933 71 00 00	2014.52.80	6-hesanlaktam (epsilon-caprolactam)						
3102 50 00 00	2015.60.00	Sodium nitrate						
3102 90 00 10	2015.39.90	Calcium cyanamide						
3206 11 00 00	2012.24.15	Pigments and preparations based on titanium dioxide, >=80% of titanium dioxide*						
3206 19 00 00	2012.24.19	Pigments and preparations based on titanium dioxide, other*						
3206 20 00 00	2012.24.40	Pigments and preparations based on chromium compounds*						
3206 49 30 00	2012.24.40	Pigments and preparations based on cadmium compounds*						
3805 00 00 00	2014.71.40	Resin and sulphate turpentine obtained from wood; oil of pine and other conifer						
3806 00 00 00	2014.71.50	Rosin and resin acids, and derivatives; rosin spirit and oils; run gums						
3807 00 00 00	2014.71.70	Wood tar, wood tar oils, wood, wood creosote, wood naphtha, vegetable pitch, brewers pitch and similar preparations based on rosin, resin acids or vegetable pitch						
3823 11 00 00	2014.31.20	Industrial stearic acid						
3823 12 00 00	2014.31.30	Industrial oleic acid						

*** – Indicate in a note the names of specific chemicals**

NIP – Nomenclature of industrial products

UM – Unit mesure

E X P L A N A T O R Y N O T E S

SURVEY ON CONSUMPTION OF HAZRDOUS 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 appropiate custom tariff for required chemical from the List of hazardous chemicals.
Column 2: Fill in appropiate NIP for requried 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 01.01.2017, in kilograms.
Column 6: Fill the amount of hazardous chemicals purchased in 2017, in kilograms.
Column 7: Fill the amount of imported hazardous chemicals from total purchased in 2017, in kilograms.
Column 8: Fill the amount of hazardous chemicals spent in 2017, in kilograms.
Column 9: Fill the amount of hazardous chemicals (stocks), as of 31.12.2017, 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