GOVERNMENT OF INDIA MINISTRY OF CHEMICALSS & FERTILIZERS DEPARTMENT OF CHEMICALS & PETROCHEMICALS

LOK SABHA ADMITTED UNSTARRED QUESTION NO. 3321 TO BE ANSWERED ON 06.12.2016

Hazardous Chemicals

3321: SHRI SANGANNA AMARAPPA

Will the Minister of Chemicals & Fertilizers be pleased to state:-

- (a) The details of the Hazardous Liquid Chemicals being regularly imported into the country in terms of volume/quantity, Storage capacity, and environmental clearance Notifications, Recommended Inventories, Storage costs etc;
- (b)The policy/plans for exploiting and using the Indian water Resources/sea waters for storage of Hazardous Liquid Chemicals in floating tanks at off-shores
- (c)The storage capacity envisaged and storage costs estimated from floating tanks at off-shores in (K/L and M/T)
- (d) The Detailed Project Report (DPR) in respect of Technical Feasibility and economic liability for the proposed floating tanks at off-shores; and
- (e) The details of the joint ventures being considered with MNCs, the Inter Ministerial Committee, Government of India at the off-shores?

ANSWER

MINISTER OF STATE OF THE MINISTRY OF CHEMICALS AND FERTILIZERS, SHIPPING, ROAD TRANSPORT AND HIGHWAYS

(SHRI MANSUKH L. MANDAVIYA)

- (a) The Government of India has promulgated "Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989" under the Environment (Protection) Act, 1986, which are administered by the Ministry of Environment, Forest & Climate Change. According to these Rules, any person responsible for importing hazardous chemicals in India is to provide the data of import to the concerned authorities, as identified in Column 2 of Schedule 5 to the Rules. As per available information, in 2006-2007, 423939MT of 90 categories of hazardous chemicals were imported by 63 industries through 08 seaports. Whereas, in 2007-08, 325396MT of 117 categories of hazardous chemicals were imported by 82 industries through 12 seaports and 2 airports. India's import under ITC (HS) Code Chapter 28 (inorganic chemicals) and 29 (organic chemicals) (at 4 digit level) for the last three years and 2016-17 (from April to September) is placed at Annex. I.
- (b) to (e): The major ports do not have any proposal for storage of hazardous Liquid Chemicals in floating tanks at offshore.

Annex-1 Refer to Para (a) of Lok Sabha Admitted Unstarred Question No. 3321 To Be Answered On 06.12.2016

IMPORT UNDER CHAPTER 28 (Inorganic Chemicals)

(VALUES IN MILLION USD)

Sr.	Chemical		201	3-14	2014-1	5	2015-	16	2016-17 (AI	PR TO SEP)
No		HS								
		Code	QTY(KG)	VAL	QTY(KG)	VAL	QTY(KG)	VAL	QTY(KG)	VAL
1	FLUORINE,									
	CHLORINE, BROMINE									
	AND IODINE	2801	9493649	142.33	11143118	124.33	6979151	96.36	4135789	46.46
2	SULPHUR, SUBLIMED									
	OR PRECIPITATED;									
	COLLOIDAL									
	SULPHUR	2802	5549470	10.04	3071918	7.1	884741	1.65	125450	0.32
3	CARBON (CARBON									
	BLACKS AND OTHER									
	FORMS OF CARBON									
	NOT ELSEWHERE									
	SPECIFIED OR									
	INCLUDED)	2803	146837359	189.28	140495399	180.47	124605270	128.92	57246771	55.46
4	HYDROGEN, RARE									
	GASES AND OTHER									
	NON-METALS	2804	63152361	203.23	69009362	217.59	72376267	194.21	41366378	101.97
5	ALKALI OR									
	ALKALINE-EARTH									
	METALS;									
	RARE-EARTH									
	METALS,SCANDIUM									
	AND YTTRIUM,									
	WHETHER OR NOT									
	INTERMIXED OR									
	INTERALLOYED;	2805	10683278	51.65	11283959	49.21	11710027	47.35	5192021	22.4

	MERCURY									
6	HYDROGEN									
	CHLORIDE									
	(HYDROCHLORIC									
	ACID); CHLOROSULPHURIC									
	ACID									
	ACID	2806	203161	0.72	233345	0.64	344343	0.93	121202	0.44
7	SULPHURIC ACID;									
	OLEUM	2807	671934103	34.2	862318958	33.48	1388790138	70	825566258	21.89
8	NITRIC ACID;									
	SULPHONITRIC									
	ACIDS	2808	20613	0.37	17087	0.3	22678	0.45	1557778	0.54
9	DIPHOSPHORUS									
	PENTAOXIDE;									
	PHOSPHORIC ACID;									
	POLYPHOSPHORIC									
	ACIDS, WHETHER OR									
	NOT CHEMICALLY		175476141							
	DEFINED	2809	7	1226.06	1801262649	1362.01	2195081463	1676.37	1344703743	815.72
10	OXIDES OF BORON;	2009	/	1220.00	1001202049	1302.01	2193081403	1070.37	1344703743	613.72
10	BORIC ACIDS									
	Oxides of boron; boric									
	acids:	2810	12604502	10.97	17372174	14.24	15254951	11.66	12988927	8.64
11	OTHER INORGANIC									
	ACIDS AND OTHER									
	INORGANIC									
	OXYGEN									
	COMPOUNDS OF									
	NON-METALS									
	Other inorganic acids:	2811	33893021	48.46	54098220	57.1	61034495	62.17	25252634	31.77
12	HALIDES AND									
	HALIDE OXIDES OF									
1.0	NON-METALS	2812	1629020	12.91	2205192	14.38	1765345	14.32	1238728	5.87
13	SULPHIDES OF NON-									
	METALS;									
	COMMERCIAL									
	PHOSPHORUS TRISULPHIDE	2813	20743710	19.42	7860078	7.29	2338547	1.96	1088364	0.78
	IVIOUTLUIDE	2013	20743710	19.42	/8000/8	1.29	2336347	1.90	1000304	0.78

14	AMMONIA, ANHYDROUS OR IN AQUEOUS SOLUTION		195697361							
		2814	1	941.05	2071873902	1166.76	2190088637	965.09	1175669770	423.85
15	SODIUM HYDROXIDE (CAUSTIC SODA); POTASSIUM HYDROXIDE (CAUSTIC POTASH); PEROXIDES OF									
	SODIUM OR POTASSIUM Sodium hydroxide	2015	277.440.722	177.07	420244025	15.50	700700111	407.50	24440222	04.40
	(caustic soda)	2815	355669532	155.85	429214037	176.69	502502111	197.69	241402230	91.19
16	HYDROXIDE AND PEROXIDE OF									
	MAGNESIUM;									
	OXIDES,									
	HYDROXIDES									
	AND PEROXIDES, OF									
	STRONTIUM OR									
	BARIUM	2816	2081128	2.13	1726354	1.89	1264524	1.27	698264	0.7
17	ZINC OXIDE; ZINC	2017	400000	44.00	5 500 5 0 4	1 4 22	250 5505	0.22	1021072	4.50
10	PEROXIDE	2817	4802736	11.99	5609704	14.22	3796687	9.33	1934952	4.69
18	ARTIFICIAL CORUNDUM,									
	WHETHER OR NOT									
	CHEMICALLY									
	DEFINED;									
	ALUMINIUM OXIDE;									
	ALUMINIUM		119638387							
	HYDROXIDE	2818	6	478.14	801967248	360.4	1014493437	367.86	681402284	232.15
19	CHROMIUM OXIDES	2010	220 45-5		2504 (50	10.40	0.4.505.55	40.65	4.5.50=0	
20	AND HYDROXIDES	2819	3386572	12.4	3781479	12.49	3462232	10.86	1666879	5.13
20	MANGANESE OXIDES	2820	8007640	13.46	12499749	15.18	13191576	14.72	8388914	7.86
21	IRON OXIDES AND HYDROXIDES;									
	EARTH									
	COLOURS									
	CONTAINING 70% OR	2821	26040195	27.1	26007574	29.68	46407565	30.56	15203018	17.09

	MORE BY WEIGHT OF COMBINED IRON EVALUATED AS									
	Fe_2O_3									
22	COBALT OXIDES									
	AND HYDROXIDES;									
	COMMERCIAL									
	COBALT OXIDES	2822	93757	2.13	100586	2.56	135928	3.07	67741	1.27
23	TITANIUM OXIDES	2823	17445879	49.6	19179526	49.65	17192082	42.43	7759815	19.04
24	LEAD OXIDES; RED									
	LEAD AND ORANGE									
	LEAD	2824	1520335	3.56	1089848	2.49	385929	0.81	182305	0.36
25	HYDRAZINE AND									
	HYDROXYLAMINE									
	AND THEIR INORGANIC SALTS;									
	OTHER									
	INORGANIC BASES;									
	OTHER METAL									
	OXIDES,									
	HYDROXIDES AND									
	PEROXIDES									
		2825	30303627	125.25	32363960	137.78	34861484	117.84	28842712	84.93
26	FLUORIDES;									
	FLUOROSILICATES,									
	FLUOROALUMINATE									
	S									
	AND OTHER									
	COMPLEX FLUORINE									
	SALTS									
	Fluorides:	2826	50533301	41.92	71715474	56.16	49073208	44.98	45162976	27.21
27	CHLORIDES,	2020	30333301	41.92	/1/134/4	30.10	49073208	44.96	43102970	27.21
21	CHLORIDES, CHLORIDE OXIDES									
	AND									
	CHLORIDE									
	HYDROXIDES;									
	BROMIDES AND									
	BROMIDE OXIDES;									
	IODIDES AND IODIDE									
	OXIDES	2827	43695625	50.67	48519815	41.84	63780570	42.97	35380590	21

28	HYPOCHLORITE S; COMMERCIA L CALCIUM HYPOCHLORITES; CHLORITES; HYPOBROMITES CHLORATES AND PERCHLORATES; BROMATES	2828	2649973	3.09	3506656	4.93	4940086	5.76	2268413	2.33
	AND PERBROMATES; IODATES AND PERIODATES Chlorates	2829	35809937	27.48	28257875	21.97	20913563	14.33	3518223	2.36
30	SULPHIDES; POLYSULPHIDES, WHETHER OR NOT CHEMICALLY									
31	DEFINED DITHIONITES AND	2830	14535252	9.33	15043805	10.02	13695498	9.05	7513146	4.81
	SULPHOXYLATES	2831	451535	0.77	335556	0.54	1461458	1.65	775759	0.91
32	SULPHITES; THIOSULPHATES	2832	11291169	9.82	11923335	8.06	16882477	9.54	9956681	4.53
33	SULPHATES; ALUMS; PEROXOSULPHATES (PERSULPHATES) Sodium sulphates:	2833	55520838	43.76	51655712	41.51	47742478	35.02	24186902	15.07
34	NITRITES; NITRATES	2834	19119029	10.6	17442354	10.3	18661969	9.81	11907036	5.91
35	PHOSPHINATES (HYPOPHOSPHITES), PHOSPHONATES (PHOSPHITES) AND PHOSPHATES; POLYPHOSPHATES,	2004	17117027	10.0	17442334	10.3	10001709	7.01	1170/030	3.71
	WHETHER OR NOT CHEMICALLY DEFINED	2025	110252222	120.01	115507075	122 20	145424100	120.06	75515247	61.04
36	CARBONATES;	2835	119252333 116984371	120.91	115507975	123.69	145424100	128.86	75515346	61.24
30	PEROXOCARBONATE	2836	7	278.55	1387821234	352.38	1435839348	315.68	776651886	155.93

1 1	S		1 1	I						I
	(PERCARBONATES);									
	COMMERCIAL									
	AMMONIUM									
	CARBONATE									
	CONTAINING									
	AMMONIUM									
	CARBAMATE									
37	CYANIDES, CYANIDE									
	OXIDES AND									
	COMPLEX CYANIDES									
	Cyanides and cyanide									
	oxides :	2837	9139165	22.22	7394395	15.9	8107911	14.61	5694396	9.97
38	SILICATES;									
	COMMERCIAL									
	ALKALI METAL									
	SILICATES									
	Of sodium:	2839	330485645	27.97	346107174	23.96	406436414	24.21	136925165	8.73
39	BORATES;									
	PEROXOBORATES									
	(PERBORATES)									
	Disodium tetraborate									
	(refined borax):	2840	67919167	41.09	78868045	47.17	79579206	46.12	40643258	23.06
40	SALTS OF									
	OXOMETALLIC OR									
	PEROXOMETALLIC									
	ACIDS	2841	15245310	33.94	14043373	33.29	12765637	23.9	10816081	14.17
41	OTHER SALTS OF									
	INORGANIC ACIDS									
	OR PEROXOACIDS,									
	(INCLUDING									
	ALUMINOSILICATES,									
	WHETHER OR NOT									
	CHEMICALLY									
	DEFINED), OTHER	20.42	2100221	44.04	450 600 4	0.5	<		70.10.501	7 05
12	THAN AZIDES	2842	3198224	11.84	4786834	9.67	6584839	11.54	5843601	5.96
42	COLLOIDAL									
	PRECIOUS METALS;									
	INORGANIC									
	OR ORGANIC	2042	10600	100.02	21006	102.61	07540	01.14	10240	55.01
	COMPOUNDS OF	2843	10698	100.92	21096	103.61	27548	91.14	10240	55.21

	PRECIOUS METALS, WHETHER OR NOT CHEMICALLY DEFINED; AMALGAMS OF PRECIOUS METALS									
43	COMPOUNDS, INORGANIC OR ORGANIC, OF RARE- EARTH METALS, OF YTTRIUM OR OF									
	SCANDIUM OR OF									
	MIXTURES	2846	536933	13.79	1104845	9.49	598349	8.15	298469	3.86
44	HYDROGEN PEROXIDE, WHETHER OR NOT SOLIDIFIED WITH UREA									
	WIIII CREAT	2847	62527251	27.08	56319855	23.53	44089214	17.1	27825611	11.26
45	PHOSPHIDES, WHETHER OR NOT CHEMICALLY DEFINED, EXCLUDING	20/0		0.40	24107	0.10	22.62	0.40	2.502	
4.6	FERROPHOSPHORUS	2848	64754	0.48	26107	0.18	33633	0.19	25785	0.16
46	CARBIDES, WHETHER OR NOT CHEMICALLY	20.40	00.551400	07.24	110001017	25.04	0.4540504	00.7	40.50004.5	42.24
47	DEFINED	2849	93671183	87.24	110081845	97.94	94643794	82.5	49622346	42.21
47	HYDRIDES, NITRIDES, AZIDES, SILICIDES AND BORIDES, WHETHER OR NOT CHEMICALLY DEFINED, OTHER THAN COMPOUNDS WHICH									
	ARE ALSO	2850	3761386	45.94	4420804	52	5206218	54.9	2232208	22.19

	CARBIDES OF									
	HEADING 2849									
48	INORGANIC OR									
	ORGANIC									
	COMPOUNDS OF									
	MERCURY,									
	WHETHER OR NOT									
	CHEMICALLY									
	DEFINED,									
	EXCLUDING									
	AMALGAMS	2852	6360	0.17	145	0.12	2253	0.83	140	0.04
49	OTHER INORGANIC									
	COMPOUNDS									
	(INCLUDING									
	DISTILLED OR									
	CONDUCTIVITY									
	WATER AND WATER									
	OF SIMILAR PURITY);									
	LIQUID AIR (WHETHER OR									
	NOT RARE GASES									
	HAVE BEEN									
	REMOVED);									
	COMPRESSED AIR;									
	AMALGAMS, OTHER									
	THAN									
	AMALGAMS OF									
	PRECIOUS METALS	2853	2924360	14.83	2037071	10.8	1790826	7.51	1354181	2.38
			844640769				1018725020			
		Total	7	4796.71	8762726806	5136.99	5	5068.23	5757931366	2501.02

Note: Figures for 2016-17 (Apr to Sep) is provisional.

IMPORT UNDER CHAPTER 29 (organic chemicals)

(VALUES IN MILLION USD)

Sr.	Chemical							(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2016-17 (A	
No.	Chemical		2013-	14	2014-	15	2015-	16	2010-17 (A SEP	
NO.		****								/
		HS Code	QTY(KG)	VAL	QTY(KG)	VAL	QTY(KG)	VAL	QTY(KG)	VAL
1	ACYCLIC	2004	21.10.1102.1	222.21	212150555	220 - 11	207.520070	220 51	125105055	120.25
	HYDROCARBONS	2901	214044024	322.21	212450657	320.61	205630058	238.61	137407066	130.37
2	CYCLIC									
	HYDROCARBONS									
	Cyclanes, cyclenes and	2002	1 500 7 1 1 00	274524	1500051550	2209.2	4005455005	1891.2	107.5770.515	1110.8
	cycloterpenes:	2902	1633751182	2546.31	1708974669	6	1997165827	6	1256579646	1
3	HALOGENATED									
	DERIVATIVES OF									
	HYDROCARBONS									
	Saturated chlorinated									
	derivatives of acyclic									
	hydrocarbons:	2903	885152516	629.87	912950988	669.95	1128790263	622.64	517984914	279.91
4	SULPHONATED,									
	NITRATED OR									
	NITROSATED									
	DERIVATIVES OF									
	HYDROCARBONS,									
	WHETHER OR NOT									
	HALOGENATED	2904	29620569	83.34	30740607	81.81	43771848	77.67	29294901	46.21
5	ACYCLIC ALCOHOLS									
	AND THEIR									
	HALOGENATED,									
	SULPHONATED,									
	NITRATED OR									
	NITROSATED									
	DERIVATIVES									
	Saturated monohydric									
	alcohols:									
								1899.1		
		2905	2559743304	2105.5	3160312017	2221.5	3361870376	3	1684462307	842.73
6	CYCLIC ALCOHOLS									
	AND THEIR									
	HALOGENATED,									
	SULPHONATED,									
	NITRATED OR	2906	6552012	60.24	6129333	62.35	8212357	74.57	3485224	37.55

	NITROSATED DERIVATIVES Cyclanic, cyclenic or									
	cycloterpenic :									
7	PHENOLS;PHENOL-									
	ALCOHOLS									
	Monophenols:									
0	HAL OCENA MED	2907	307949104	558.92	310774834	609.26	370778976	490.48	223134378	274.99
8	HALOGENATED,									
	SULPHONATED, NITRATED OR									
	NITRATED OR NITROSATED									
	DERIVATIVES OF									
	PHENOLS OR PHENOL-									
	ALCOHOLS									
	Derivatives containing only									
	halogen substituents									
	and their salts:	2908	5370550	14.37	5052921	17.72	5428633	18.47	3039247	7.39
9	ETHERS, ETHER-									
	ALCOHOLS, ETHER-									
	PHENOLS,									
	ETHER-ALCOHOL-									
	PHENOLS, ALCOHOL									
	PEROXIDES,									
	ETHER PEROXIDES,									
	KETONE PEROXIDES (WHETHER OR									
	NOT CHEMICALLY									
	DEFINED), AND THEIR									
	HALOGENATED,									
	SULPHONATED,									
	NITRATED OR									
	NITROSATED									
	DERIVATIVES									
	Acyclic ethers and their									
	halogenated, sulphonated,									
	nitrated or nitrosated									
	derivatives :	2909	78258815	181.91	92471161	188.94	97843775	180.69	60023390	92.46
10	EPOXIDES,									
	EPOXYALCOHOLS,	2010	25.5005.11		######################################	100.55		440	2.52200	
	EPOXYPHENOLS AND	2910	35699541	71.52	57271879	109.22	69968055	110.44	35320869	46.2

	EXPOXYETHERS, WITH A THREE-MEMBERED RING, AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES									
11	ACETALS AND HEMIACETALS, WHETHER OR NOT WITH OTHER OXYGEN FUNCTION, AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED	2011	5 100 50		2 6002 6	2.44	460400	421	20.5020	2.05
12	DERIVATIVES ALDEHYDES,	2911	640960	5.35	369036	3.64	468498	4.31	205829	2.05
12	WHETHER OR NOT WITH OTHER OXYGEN FUNCTION; CYCLIC POLYMERS OF ALDEHYDES; PARAFORMALDEHYDE Acyclic aldehydes without other oxygen function:	2912	34551872	151.64	37273508	213.59	44141211	172.03	24605205	76.31
13	HALOGENATED,	2712	34331872	131.04	31213308	413.39	44141211	1/2.03	24003203	/0.31
	SULPHONATED, NITRATED OR NITROSATED DERIVATIVES OF PRODUCTS OF									
	HEADING 2912	2913	2631383	12.07	2761408	15.34	1937196	10.56	1320868	7.65
14	KETONES AND QUINONES, WHETHER OR NOT WITH OTHER OXYGEN									
	FUNCTION, AND THEIR	2914	215626754	496.98	235171923	552.09	262731635	452.11	132788168	214.35

	HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES Acyclic ketones without other oxygen function:									
15	SATURATED ACYCLIC MONOCARBOXYLIC ACIDS AND THEIR									
	ANHYDRIDES, HALIDES, PEROXIDES AND PEROXYACIDS;									
	THEIR HALOGENATED, SULPHONATED,									
	NITRATED OR NITROSATED DERIVATIVES					1106.2				
		2915	1018201379	927.32	1091684650	2	1186808520	948.42	644885450	459.47
16	CYCLIC MONOCARBOXYLIC ACIDS, THEIR ANHYDRIDES, HALIDES, PEROXIDES AND PEROXYACIDS; THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES Unsaturated acyclic monocarboxylic acids, their anhydrides, halides, peroxides, peroxyacids -									
17	their derivatives :	2916	233849170	565.13	298219188	573.01	303724528	499.75	169327053	265.53
17	POLYCARBOXYLIC ACIDS, THEIR		117125532			1267.9				
	ANHYDRIDES,	2917	7	1415.08	2252491741	5	968818028	831.2	426947182	360.66

	HALIDES, PEROXIDES AND PEROXYACIDS; THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES Acyclic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives:									
18	CARBOXYLIC ACIDS WITH ADDITIONAL OXYGEN FUNCTION AND THEIR ANHYDRIDES, HALIDES, PEROXIDES AND PEROXYACIDS; THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES Carboxylic acids with alcohol function, but without other oxygen function, their anhydrides, halides, peroxides, peroxyacids and their derivatives:	2918	136377090	333.97	169060172	382.34	158659900	380.09	79715646	165.56
19	PHOSPHORIC ESTERS AND THEIR SALTS, INCLUDING LACTOPHOSPHATES; THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES	2919	2844492	12.47	3859874	13.6	4628530	16.11	2537618	7.6
20	ESTERS OF OTHER INORGANICACIDS OF NON-	2920	34448723	102.17	40536719	139.53	33073656	94.97	16167132	41.79

	METALS(EXCLUDING ESTERS OF HYDROGEN HALIDES) AND THEIR SALTS; THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES Thiophosphoric esters (phosphorothioates) and their salts; their halogenated sulphonated, nitrated or nitrosated derivatives									
21	AMINE- FUNCTION COMPOUNDS Acyclic monoamines and their	2021	10.61601.66	612.5	250416205	606.41	220202570	620.54	101170005	202.00
22	derivatives; salts thereof : OXYGEN-FUNCTION	2921	196469166	612.5	259416387	686.41	220202679	620.54	131173305	292.89
22	AMINO-COMPOUNDS									
	Amino-alcohols, other than									
	those containing more than									
	one kind of oxygen									
	function, their ethers and	2022	155005051	-51.00	1 51 500000	5 5505	450056050		02455040	200.55
22	esters; salts thereof	2922	155905354	651.23	161523289	756.95	173276258	565.74	93457919	299.57
23	QUATERNARY AMMONIUM SALTS									
	AND HYDROXIDES;									
	LECITHINS AND OTHER									
	PHOSPHOAMINOLIPIDS,									
	WHETHER OR NOT									
	CHEMICALLY DEFINED	2923	5250232	21.31	16684141	33.36	24767753	34.88	17215850	18.23
24	CARBOXYAMIDE-									
	FUNCTION COMPOUNDS: AMIDE									
	COMPOUNDS; AMIDE- FUNCTION									
	COMPOUNDS OF ONIC									
	ACID									
	Acyclic amides (including									
	acyclic carbamates)	2924	40645291	143.48	42411857	185.07	42032220	165.39	22796611	74.37

	and their derivatives; salts									
	thereof:									
25	CARBOXYIMIDE-									
	FUNCTION									
	COMPOUNDS									
	(INCLUDING									
	SACCHARIN AND ITS									
	SALTS) AND IMINE-									
	FUNCTION									
	COMPOUNDS									
	Imides and their									
	derivatives; salts thereof:		2562224	18.98	2797659	22.65	3122181	32.63	979420	10.15
26	NITRILE-FUNCTION									
	COMPOUNDS	2926	144796931	327.31	145709741	344.42	219633139	343.77	106028089	150.73
27	DIAZO-, AZO- OR									
	AZOXY-COMPOUNDS	2927	2497482	8.73	2393676	9.81	3724155	11.29	1572306	5.13
28	ORGANIC									
	DERIVATIVES OF									
	HYDRAZINE OR OF									
	HYDROXYLAMINE	2928	2840938	40.84	2682433	27.05	3536445	29.74	1501922	8.45
29	COMPOUNDS WITH									
	OTHER NITROGEN									
	FUNCTION	2929	133192287	349.48	137461663	316.49	112537474	236.68	57000025	116.28
30	ORGANO-SULPHUR									
	COMPOUNDS	2930	66336141	229.96	71445362	266.39	70583672	283.39	35816679	120.48
31	OTHER ORGANO-									
	INORGANIC									
	COMPOUNDS	2931	25072720	105.22	31780356	151.38	32273381	143.63	19222541	67.46
32	Compounds containing an									
	unfused furan ring									
	(whether or not									
	hydrogenated) in the									
	structure :	2932	30901754	189.56	38098317	215.6	45918597	212.13	22969313	121.91
33	HETEROCYCLIC									
	COMPOUNDS WITH									
	NITROGEN									
	HETERO-ATOM(S)									
	ONLY									
	Compounds containing an					1122.8		1111.0		
	unfused pyrazole ring	2933	140413853	957.37	169413738	1	183039908	7	102070862	588.41

34	(whether or not hydrogenated) in the structure NUCLEIC ACIDS AND									
34	structure NUCLEIC ACIDS AND									
34	NUCLEIC ACIDS AND									
	THEIR SALTS;									
	WHETHER OR NOT									
	CHEMICALLY									
	DEFINED; OTHER									
	HETEROCYCLIC									
	COMPOUNDS	2934	10311472	308.38	12762365	358.26	11730137	326.61	7079908	166.84
35	SULPHONAMIDES	2935	2729455	49.11	2660072	40.27	2371007	42.82	1074172	18.61
36	PROVITAMINS AND									
	VITAMINS, NATURAL									
	OR									
	REPRODUCED BY									
	SYNTHESIS									
	(INCLUDING NATURAL									
	CONCENTRATES),									
	DERIVATIVES									
	THEREOF USED									
	PRIMARILY AS									
	VITAMINS, AND									
	INTERMIXTURES OF									
	THE									
	FOREGOING, WHETHER									
	OR NOT IN ANY									
	SOLVENT									
	Vitamins and their	2026	2275140	04.77	4000005	104.00	4207257	104.77	2004655	65.00
27	derivatives, unmixed	2936	3375148	94.77	4998985	124.82	4207257	124.77	2004655	65.82
37	HORMONES,									
	PROSTAGLANDINS, THROMBOXANES AND									
	LEUKOTRIENES,									
	NATURAL OR									
	REPRODUCED BY									
	SYNTHESIS;									
	*									
	MODIFIED	2937	323354	275.96	329546	280	543422	280.96	182502	121.81
	DERIVATIVES AND STRUCTURAL ANALOGUES THEREOF, INCLUDING CHAIN MODIFIED	2937	272254	275 06	320546	280	5/12/122	280 06	182502	121 81

38	GLYCOSIDES, NATURAL OR REPRODUCED BY SYNTHESIS AND THEIR SALTS, ETHERS, ESTERS AND OTHER DERIVATIVES	2938	2352467	51.89	2118177	55.29	2005923	42.88	1305193	29
39	VEGETABLE ALKALOIDS, NATURAL									
	OR REPRODUCED BY									
	SYNTHESIS, AND THEIR SALTS, ETHERS,									
	ESTERS AND									
	OTHER DERIVATIVES									
	Alkaloids of opium and their derivatives; salts									
	thereof:	2939	1392800	59.65	1152216	66.41	1029140	67.89	505235	21.97
40	OTHER ORGANIC COMPOUNDS SUGARS, CHEMICALLY PURE, OTHER THAN SUCROSE,									
	LACTOSE, MALTOSE, GLUCOSE AND FRUCTOSE; SUGAR ETHERS, SUGAR ACETALS AND SUGAR									
	ESTERS AND THEIR SALTS, OTHER THAN PRODUCTS OF HEADINGS									
	2937, 2938 OR 2939	2940	5430372	27.46	6906957	31.16	7084354	29.05	3892042	14.38
41	ANTIBIOTICS	2941	21608791	937.46	23873378	1015.3	24193034	1005.9	11906342	488.54
42	OTHER ORGANIC									
	COMPOUNDS	2942	38474019	991.55	30350587 1179552818	878.48 17746.	27114441 1146937844	892.93 15618.	11249470	287.26
		Grand Total	9639451018	17048.5 7	1179552818 7	17746. 4	1146937844 7	15618.	6100236454	7557.8 8

Note: Figures for 2016-17 (Apr to Sep) is provisional.