

CHEMICAL IMPORT TRENDS

1961 SUPPLEMENT TO FIVE YEAR STUDY

To be read and used in conjunction
with Chemical Import Trends

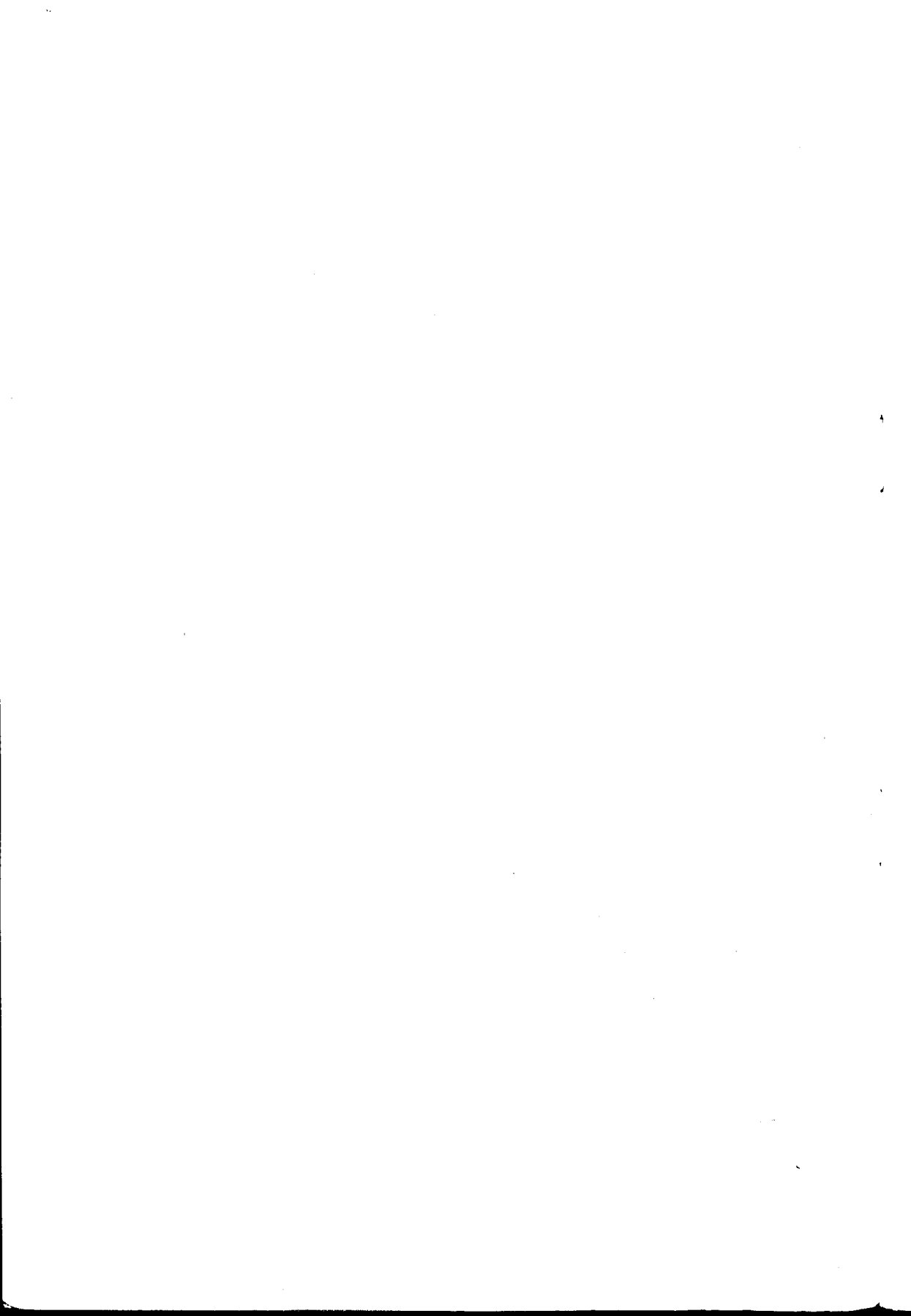
1956 - 1960

Published by the authority of
the Hon. Mitchell Sharp
Minister of Trade and Commerce

Prepared by

THE INDUSTRIAL PROMOTION BRANCH
DOMESTIC COMMERCE SERVICE
DEPARTMENT OF TRADE AND COMMERCE
OTTAWA

HD
9655
.C22A5
1961
Supp.



EXPLANATORY NOTES

The 1961 Supplement to Chemical Import Trends has been prepared to be read in conjunction with the original Five Year Study, 1956 - 1960. Because some of the data was not separately available in 1961 certain items have been omitted or grouped in general headings.

The products listed have been extracted from the Dominion Bureau of Statistics' Import Classification, Group VIII, Chemicals and Allied Products, together with certain selected items from other groups which have been included because of their use or their relation to the chemical industry.

Values for products marked with an asterisk (*) have been estimated by taking the Dominion Bureau of Statistics' tabulation of \$1000 entries of "basket" classes and adding estimates for entries valued at less than \$1000 based on surveys made by the Industrial Promotion Branch for the month of June 1959 and six months January to June 1960. Chemicals imported at a total value of less than \$50,000 for the year 1961 are not separately shown.

The Dominion Bureau of Statistics' class number and Customs' tariff item are indicated as references for each product. Where more than one class and tariff item are shown these are listed independently of one another in numerical sequence.

- indicates that the figure is not available.

n.o.p. = Not otherwise provided for.

(N) New item 1961

HD
9655
.C22A5
1961
Supp.

IMPORTS OF CHEMICALS AND ALLIED PRODUCTS BY COUNTRY

From	1956	1957	1958	1959	1960	1961
	'000 (\$)	'000 (\$)	'000 (\$)	'000 (\$)	'000 (\$)	'000 (\$)
All Countries	288,586	293,821	290,358	326,986	338,652	370,943
United States	250,365	252,947	246,952	275,125	282,723	305,990
Britain	22,639	23,168	23,553	26,246	24,909	29,601
Germany, West	5,561	6,842	7,145	8,718	10,400	12,563
Switzerland	2,661	2,792	3,203	4,195	4,620	6,215
France	2,249	2,885	2,935	3,220	3,517	4,532
Netherlands	810	913	1,159	1,231	1,584	2,511
Italy	1,004	941	1,405	2,040	2,644	2,249
Japan	181	213	596	1,269	1,964	1,988
Mexico	28	16	26	25	32	47
Other Countries	3,088	5,104	3,384	4,917	6,259	5,247

SOURCE: D.B.S. - Trade of Canada.

IMPORTS OF CHEMICAL AND ALLIED PRODUCTS BY SUB-GROUP

	1956	1957	1958	1959	1960	1961
	'000 (\$)	'000 (\$)	'000 (\$)	'000 (\$)	'000 (\$)	'000 (\$)
Acids	7,340	6,910	7,697	7,709	7,489	8,198
Alcohols—industrial	1,403	1,386	1,284	1,468	560	859
Drugs, medicinal and pharmaceutical preparations ..	26,121	28,392	29,248	32,428	32,613	40,972
Dyeing and tanning materials	12,540	12,018	12,147	12,325	11,927	15,705
Explosives	1,372	1,485	2,191	1,443	1,951	1,440
Fertilizers	13,258	13,627	12,975	12,801	14,225	16,214
Inorganic chemicals, n.o.p.	42,384	31,897	26,250	24,806	26,891	27,253
Paints, pigments and varnishes ..	25,497	23,101	21,327	23,584	21,710	23,199
Perfumery, cosmetics and toilet preparations	1,809	1,831	2,046	2,287	2,705	3,048
Plastics	66,030	70,937	80,375	90,092	97,650	103,767
Soap	1,951	2,279	2,670	3,193	2,143	1,811
Other chemicals and products.....	88,879	88,958	92,148	114,850	118,788	128,477
Total	288,586	293,821	290,358	326,986	338,652	370,943

SOURCE: D.B.S. - Trade of Canada.

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Acetonitrile	8415	208t	-	485(N)
* Acetophenetidin	8074 8415	220(i) 220a(i) 711	-	130
Acetylsalicylic acid	8004	216 711	1,332	729
Acid phosphate, not medicinal	8371	218	1,854	183
* Acrylonitrile	8415 8422	208t 851 921	-	2,395
* Activated alumina	8415	711	-	95(N)
* Activated carbon	8415	238 851	-	720
Activated clay for the refining of oil	7018	263c 295c	-	1,007
* Additives: gasoline, fuel oil and lubricant and materials for use in their manufacture	7168 7185 8415	208t 220a(i) 220c 711	-	8,195
Adhesives:				
Animal glue, powdered or sheet, glue, n.o.p.	2332 2333	232	3,843	615
Mucilage and vegetable glue	1824	232b 232f	540	121
Synthetic resin glue	8431	903	2,899	1,061
Rubber cement	1704	618	-	823
* Sealing compounds and adhesives, n.o.p. (includes automobile)	8415	220a(i) 711	-	655
Used in cementing glass sheets for the manufacture of laminated safety glass	9215	805	-	1,003
* Agar agar	8415	208t	-	95

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Aluminum sulphate (alum, alum cake)	8251 8254	212	9,672	217
* para-Aminosalicylic acid and salts	8022 8074 8366	208t 216 220(i)	-	65(N)
Ammonia, anhydrous	8265	208t 711	13,500	516
Ammonium chloride (sal ammoniac)	8262 8263	208j 210h	618	51
Ammonium sulphate	8151	208	19,881	306
* Amphetamine and its salts	8074 8415	208t 220(i)	-	120
Amyl alcohol	8032	157a	'000 (Gal.) 53	77
			'000 (Lb.)	
* Analgesics and antipyretics (includes acetylsalicylic acid combinations)	8074 8075 8415	208t 220(i) 220(ii)	-	285
* Anesthetics, n.o.p.	8074 8075 8366 8415	208t 220(i) 220(ii) 220a(i) 711	-	555
* Antacid and digestive preparations, n.o.p.	8074 8415	220(i) 220a(i)	-	340
Antibiotics: penicillin and products	8083	208t 220(i) 220(ii) 711	-	1,406
Antibiotics: streptomycin and products	8084	208t 220(i) 220(ii) 711	-	387

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Antibiotics, n.o.p.	8074 8075 8086 8415	208t 220(i) 220(ii) 711 880p	-	6,483
* Antifreeze and de-icing compounds	8415	207d 220a(i) 220a(ii)	-	170(N)
* Antihistamines, n.o.p.	8074 8075 8415	208t 220(i) 220(ii) 220a(i)	-	275(N)
Antimony oxide (antimony trioxide)	8179	242	359	90
* Antioxidants: food n.o.p.	8415	208t 220a(i) 711	-	205
Antioxidants: gasoline	8430	220c	398	390
* Antiseptics, n.o.p.	8074 8075 8415	208t 220(i) 220(ii)	-	100(N)
* Argon gas	8415	208t 220a(i) 711	-	65
* Azelaic acid	8022 8422	216 921	-	140
* Bandages, dressings, and plasters, medicated	8074 8415	220(i) 711	-	760
* Barbituric acid, its salts and derivatives	8022 8074 8075 8366 8415	208t 216 220(i) 220(ii) 220a(i)	-	650
Barite (barytes, natural barium sulphate)	7281	683	3,779	94
* Barium carbonate (precipitated)	8415	208t	-	325

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Barium chloride	8415	208t	-	58
Barium sulphate (blanc fixe and satin white)	8184	240	2,288	101
* Benzoic acid	8022	216 921	-	165
Benzol of all kinds	7070	263a 269(ii) 711 851	'000 (Gal.) 4,598	2,066
Binitrotoluol, trinitrotoluol, and perchlorate of ammonia for explosives	8131	758	'000 (Lb.) 3,895	378
Biological products, animal or vegetable, n.o.p.	9242	206a 206d 206e 786	-	2,396
Blackening, shoe and shoemaker's ink; shoe, hardness and leather dressing, n.o.p.	8392	252	-	1,317
* Bleaching agents	8415	208t 220a(i) 711	-	345
Blueing, laundry	8393	246	-	67
Boracic acid	8001	208 851	4,520	280
Borax, and fused borax	8342	208 208f 851	23,442	788
* Brake fluid	8415	220a(i)	-	450
Butadiene	8428	208t 711	-	3,008
* Butane gas lighter cartridges	8415	275	-	80(N)
Butyl alcohol	8034	207a	1,478	214
* para-tert-Butyl catechol	8415 8422	208t 851 921	-	100

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Caffeine and its salts	8052	208t 711	221	398
Calcium chloride	8315	208a 208d	35,907	592
Calcium compounds, n.o.p.	8319	208 208t 711 875a	39,971	1,187(N)
Calcium molybdate, vanadium oxide, and tungsten oxide	8318	208g 490a	47	88
Carbolic acid or phenol	8027	216 711 922	3,604	585
Carbon black	8182	239	20,547	1,682
* Carbon black oil	7185	272c	-	1,345
Catalysts, petroleum refining, n.o.p.	8434	263c	-	2,297
* Catalysts, various types, n.o.p.	8415 8422	220a(i) 711 921	-	490
Cellulose acetate sheet in rolls for sensitized photographic film	8046	822	-	973
Cellulose esters or ethers, or com- binations thereof, without admixture	8500	909a 909b 909c	-	2,514
Cellulose esters or ethers, or com- binations thereof compounded with other materials for moulding, casting, extruding or pressing.	8530	910	-	1,360
Cellulose plastic plates, sheets, strip, film, blocks, bars, rods, tubes or other primary shapes.	8600	912 913 924a	-	2,775
Cellulose plastic plates, sheets, strip, tubing, blocks, bars, rods, reinforced or supported.	8630	917a 917b	-	398

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Cellulose plastic foamed and expanded, in sheets, blocks, boards, granules or powder: Cellulose compositions of esters or ethers with other ma- terials, n.o.p.	8550	761	-	385
	8570	911		
		914		
Cellulose plastic manufactures, n.o.p.	8700	577 915	-	1,802
Cellulose regenerated manufactures, n.o.p.	8720	918	-	2,503
Charcoal, animal, for use in the refining of sugar or corn products	2054	689	3,668	342
* Chemistry sets	8415	220a(i) 711	-	75(N)
Chestnut extract	8116	203	1,660	133
* Chlorhydrol	8415	208t	-	60(N)
Chloride of lime (chlorinated lime, calcium hypochlorite)	8316	208a(1) 208a(2)	2,179	334
Chlorine, liquid or chlorine gas	8303	208t 711	59,373	1,714
* Chlorofluorohydrocarbons	8415	208t 220a(i) 711	-	375
Chloroform	8397	219d(1) 219d(2)	936	109
Chromic acid	8026	216 ex. 216 711	1,304	364
Chromic sulphate basic for tanning	8105	203a	4,537	483
* Cleaning compounds (includes boiler, drain, dry cleaning, glass, metal, general household, washing com- pounds, etc.)	8337	208t	-	4,860
	8415	220a(i)		
		711		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Coal tar products for dyeing and tanning (aniline and coal tar dyes, aniline oil, aniline salts, alizarin, coal tar base or salt)	8091	203	9,393	11,772
	8092	203b		
	8094	203c		
	8095	203e		
		203f 246		
* Coatings, various types	8415	220a(i) 711	-	160(N)
* Cobalt metal powder	8415	ex 208t	-	135
Codeine and salts	8054	208t 711	10	809
* Cold and cough remedies	8074	220(i)	-	575
	8075	220(ii)		
Colours: artists' and children's	8211	247a(1) 247a(2)	-	1,242
* Colours, dyes, pastes and pigments, n.o.p. (and for printing textiles)	8415	203d	-	2,010
	8422	220a(i) 921		
* Concrete hardeners and plasticizers, curing compounds	8415	220a(i)	-	95
Copper sulphate	8275	208c 208m 791	773	113
* Cream whipping agents	8415	220a(i) 711	-	120
Cresylic acid	8015	208e 216 711	768	89
* para-Cresylic acid (para-cresol)	8415	208t	-	295
* Cyclohexylamine	8415	208t	-	60
* Cyclopropane	8415	711	-	150
* Decyl alcohol (also see isodecyl alcohol)	8422	921	-	495

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS -- 1961	
			'000 (Lb.)	'000 (\$)
* Defoaming agents and foam controllers	8415	208t 220a(i) 711	-	335
* Deodorants, deodorizers, air, household and industrial	8415	220a(i) 711	-	140
Detergents, dispersing, emulsifying, wetting and other surface active agents:				
* Alkanolamides, amides, amines, and other fatty acid derivatives	8415	208t 220a(i) 711	-	995
* Alkyl aryl sulphonates	8337 8366 8415	208t 220a(i) 711 851	-	1,410
* Alkyl sulphates	8366 8415	208t 220a(i) 711	-	570
* Ethylene oxide condensates	8415 8422	208t 220a(i) 711 921	-	1,425
* Quaternary ammonium salts	8366 8415	208t 220a(i) 711	-	100
Dextrine and starch and preparations	1840 1841	39c 39d	5,513	454
Dextrose (glucose) solutions, prepared for parenteral administration in therapeutic treatments, component materials and articles to be used in the making of such preparations.	9238	206b	-	793
* Dichlorobenzene, ortho and para	8415	208t 711	-	250
Diethylamine	8415 8422	208t 921	-	65(N)

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Digitalis glycosides	8074	208t	-	100
	8415	220(i)		
		220(ii)		
* Dihydroxydiphenyl sulphonic acid	8022	216 ex 216	-	55(N)
* Diisopropyl benzene monohydroperoxide	8415	208t 851	-	310
* Dimethylamine	8415	208t	-	65
	8422	921		
* Dimethyl formamide	8415	208t	-	145
	8422	863		
		921		
Disinfectants, dips, sprays, n.o.p. and materials for manufacturing preparations for use in combating destructive insects and pests, n.o.p.	8070	209b	-	13,838
	8071	219a(i)		
	8072	219a(ii)		
	8073	219c		
		791		
Dyeing and tanning materials, n.o.p.	8104	203	15,026	2,633
	8106	203a		
	8109			
	8113			
	8114			
	8115			
	8117			
	8118			
	8121			
* Electrical insulating materials	8415	208t	-	175(N)
		220a(i)		
		220f		
		711		
* Electroplating chemicals (includes nickel and zinc brighteners)	8415	220a(i)	-	540
* Emulsifiers, food (includes mono-glycerides)	8415	220a(i)	-	800
		ex 711		
* Enzymes	8074	208t	-	325
	8075	220(i)		
	8415	220a(i)		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Epichlorohydrin	8415	208t	-	205
	8422	921		
* Ergot alkaloids (including whole drug and preparations)	8074	208t	-	80
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
* Ethyl acrylate	8415	208t	-	750(N)
	8422	921		
Ethyl or methyl alcohols or mixtures of methyl alcohol	8036	156f	1,094	323
		157		
		158		
		158a		
		158b		
		203g		
		875a		
* Ethylene diamine	8415	208t	-	65
Ethylene glycol and mixtures of ethylene glycol for use in the manufacture of anti-freezing compounds: Ethylene glycol for the manufacture of ex- plosives and ethylene glycol, n.o.p.	8399	207b	1,261	142
	8400	207c		
		208t		
		711		
* Ethylene glycol monobutyl ether	8415	208t	-	70
* Ethylene glycol monoethyl ether	8415	208t	-	65
* Ethylene oxide	8415	711	-	100
* Ethyl vanillin	8415	208t	-	50(N)
Explosives, n.o.p. blasting powder, dynamite, nitroglycerine, non- metallic fuse	8133	665a	479	209
	8134	666		
	8136	667		
	8138			
* Fatty acids, n.o.p.	8022	216	-	160
	8074	220(i)		
	8415	220a(i)		
	8422	711		
		921		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Fatty alcohols	8435	208t 711 ex 711 865	-	1,914
Feed compounds for livestock and poultry				
* Choline chloride	8415	219h	-	220
* Diethyl stilbestrol	8074 8075 8415	208t 219h 220(i) 220(ii)	-	70
* Furazolidone	8415	219h	-	115
* Methionine	8074 8415	208t 219h 220(i)	-	375
* 3-Nitro-4-Hydroxy phenyl arsonic acid, nitrophenyl arsonic acid	8074 8415	208t 219h 220(i) 220a(i)	-	70
* Feed compounds, not otherwise identified (includes vitamin and mineral)	8074 8415	219h 220(i) 220a(i)	-	2,895
Fertilizer, mixed, fertilizer materials, n.o.p., potash fertilizer, n.o.p.	8164 8166 8167	662 663 663b	42,893	1,483
* Fire extinguisher compounds	8415	220a(i) 711	-	280
Fireworks, firecrackers and torpedoes, all kinds	8135	665	-	320
* Flavouring extracts and food seasoning	8415	208t 220a(i) 711	-	890
Fluorescent coating or powder	8437	220a(i) 220d	271	892

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Formaldehyde containing not more than 15% of alcohol	8401	219b	6,530	276
Formic acid	8025	ex 216 216	1,521	141
* Fumaric acid	8022	216	-	180
Gelatin, inedible for photographic use	2320	232g	243	407
Gelatin capsules, empty, for medicinal preparations	2328	231c	-	577
Gelatin, edible	2329	232c ex 232c	1,720	1,032
Gelatin, n.o.p.	2331	232a	383	104
* Glutethimide	8415	208t	-	90(N)
Glycerine, crude for the manufacture of refined glycerine	8402	664(1)	6,447	942
Glycerine for the manufacture of ex- plosives	8403	664(2)	596	147
Glycerine, n.o.p.	8404	208t 711	456	113
* Glycol ether solvents, n.o.p. (also see polyethylene glycol)	8415 8422	208t 921	-	1,000
Gun, rifle, sporting, cannon, musket and canister powder.	8137	668	432	462
* Heat transfer media	8415	220a(i)	-	335
* Helium gas	8415	208t	-	75
* Heparin (sodium)	8074 8075 8415	208t 220(i) 220(ii)	-	80
* Hexamethylenetetramine	8415 8422	208t 220a(i) 711 921	-	195
* Hexylene glycol	8415	208t	-	220
* Hormones: adrenocortical including their salts and derivatives	8074 8075 8415	208t 220(i) 220(ii) 220a(i) 711	-	2,135

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
*Hormones: sex (includes synthetic preparations)	8074	208t	-	560
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
		711		
*Hydantoin derivatives	8074	208t	-	80(N)
	8075	220(i)		
	8415	220(ii)		
		711		
*Hydracrylonitrile	8415	208t	-	65(N)
*Hydrofluoric acid	8022	216	-	50
	8415	711		
Hydrogen peroxides in solution	8373	219(i)	346	56
		219(ii)		
*Hydroquinone	8415	208t	-	110
*Hydroquinone monomethyl ether	8415	851	-	60
Ink, printing	8405	256	2,790	1,637
Ink, rotogravure	8406	256a	1,983	536
Ink, writing	8407	257	-	199
Iodine, crude	8304	208	244	270
*Iron, injectable	8074	208t	-	115
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
*Isocyanates (Tolylene diisocyanate)	8415	208t	-	1,300(N)
	8422	921		
*Iso-decyl alcohol	8415	208t	-	200(N)
	8422	921		
*Iso-octyl alcohol	8415	208t	-	980
	8422	921		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Isophorone	8415	208t	-	130
* Isophthalic acid	8022	216	-	110(N)
* Isoprene	7168	851	-	475
* Isoprenyl aluminum	8422	921	-	55(N)
Lactic acid	8009	216 711	501	137
* Lanolin	8415	208t 711	-	60
* Lauric acid	8022	216	-	130
* Laxatives, purgatives, cathartics, n.o.p.	8074 8075 8415	220(i) 220(ii) 711	-	205
Lead oxide, red, dry and orange mineral	8172	242	468	60
* Lead silicates	8415 8422	208t 220a(i) 921	-	120
Lignosulphonates	8417	203 203a	14,627	368
Litharge (lead monoxide)	8171	241 241a	1,023	155
* Lithium hydroxide (monohydrate)	8415	208t 220a(i)	-	60
Lithopone	8186	242	1,259	91
* Lubricants (includes graphite, molybdenum sulphide), n.o.p.	8415	208t 220a(i)	-	395
* Lubricating oil, aviation	8415	220a(i)	-	165
Lubricating oil, petroleum	7166 7167	271(a) 271(b)	'000 (Gal.) 38,441	13,424
Magnesite, dead-burned or sintered; caustic calcined; plastic magnesia	7274 7275	296b(1)	'000 (Lb.) 49,560	1,903
Magnesium carbonate, basic or other- wise, excepting crude rock, n.o.p.	8374	296b(2) 296c	772	67

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Magnesium oxide and magnesium carbonate for the manufacture of insulating materials	7261	296c	1,623	79
Magnesium oxide (periclase)	8415	208t 296b(1)	-	85(N)
Magnesium salts or compounds, n.o.p.	8375	208t 711	3,749	425
Magnesium sulphate (Epsom salts)	8376	208t 711	5,183	70
Menthol, natural or synthetic	8078	264c	-	364
* Mercaptans (all types)	8415	851 269(ii)	-	465
Metal working compounds			-	
*Cutting and grinding oils and coolants	7168 8415	220a(i) 269(ii) 711		190
*Fluxes, brazing, soldering and welding	8415	220a(i) 711	-	440
*Welding compounds	8415	220a(i) 711	-	195
*Various, including drawing hardening, heat treating, oxidizers and other compounds	8415	220a(i)	-	80
* Methyl cellulose	8415 8422	208t 921	-	205
* Methyl chloride	8415	208t 711	-	120
* Methylene chloride	8415	208t 711	-	90
Methyl ethyl ketone and isopropyl acetate; diethyl ketone, methyl normal propyl ketone and blends thereof; methyl isobutyl ketone and furfural	8035	208t 208v 263b 833	1,892	238
Methyl ethyl ketoxime	8415	208t	-	60(N)

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Mineral, medicinal and aerated waters	9103	154 711	-	430
* Mineral oil, white	7168 7185 8415 8422	220a(i) 269 (i) 269 (ii) 711 921	-	105
* Mineral seal oil	7168 7185	269(i) 269(ii) 711	-	130
* Molybdenum metal powder	8415	208r 711	-	55
Molybdenum oxide	8380	208g	266	212
* Monochloroacetic acid	8022	216 791	-	395
* Monoethanolamine	8415	220a(i) 711	-	160
* Morpholine	8415	208r	-	250
Naphtha, including solvent naphtha	7187	269(i) 269(ii) 590 711	8,475	1,969
Naphthalene, solid	8408	208r 711 851	3,407	531
* Naphthenic acid	8022	269(ii) 711	-	150
* Naphthol flakes	8415	208r	-	85(N)
* Nickel catalysts	8415	220a(i) 220a(ii) 711	-	480
* Nickel chloride	8415	208r	-	70

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Nickel sulphate	8415	208t 711	-	65(N)
Nitrate compounds, n.o.p., for explosives	8132	664a	567	70
Nitrogen solution	8149	663 663b	58,163	1,838
Nitrogen fertilizers, n.o.p.	8150	663 663a	1,326	134
Ochres, ochrey earths, siennas and umbers	8201	245	1,299	65
* Oil and gas well treating chemicals (includes crude oil treating)	8415	220a(i) 262 848	-	1,195
* Ointments, salves, lotions, etc. for skin treatment	8074 8075 8415	220(i) 220(ii) 711	-	315(N)
Oleic acid or red oil	2288	216 711	598	104
Oxalic acid	8017	208q	1,311	157
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.; oxide of cobalt; oxide of copper; oxide of tin; Paris green dry	8187 8188 8189 8190 8194	208k 208r 246 246d 250	10,115	4,479
* Oxyphenbutazone	8074	220(i)	-	120(N)
* Paint chemicals, n.o.p. (includes anti-skinning agents)	8415	208t 220a(i)	-	605
Paints, anti-corrosive and anti-fouling, ground and liquid, n.o.p., liquid fillers	8213	247 247b 251	698	3,334
Paints and colours ground in spirits and all spirit varnishes and lacquers	8214	248	122	796
Papaine	8079	153b	-	104

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Paraformaldehyde	8415 8422	208t 848 921	-	50(N)
* Peroxides, organic, n.o.p.	8415 8422	208t 220a(i) 921	-	515
* Petroleum alkylates	7185	269(i) 269(ii)	-	1,565(N)
Petroleum and lubricating greases, n.o.p.	7181	272a	15,480	2,255
Petroleum jellies and oils for toilet, medicinal and similar purposes	7182	272	-	879
* para-Phenetidine	8415	208t	-	505
* Phenothiazine, its derivatives and their salts	8074 8075 8415	208t 220(i) 220(ii) 220a(i)	-	540
* Phenylbutazone	8074 8415	208t 220(i) 220a(i)	-	300
* Phenylephrine hydrochloride	8074 8075 8415	208t 220(i) 220(ii) 220a(i)	-	80
Phosphate fertilizer, superphosphate n.o.p.	8162	663 663b	249,128	2,232
Phosphate fertilizer, triple super- phosphate	8161	663 663b	134,870	3,392
Phosphate fertilizers, n.o.p.	8163	663b	13,457	569
Phosphate rock	7263	662 663(i)	2,113,769	9,679
Phosphorus and compounds, n.o.p.	8378	208p	781	104

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS -- 1961	
			'000 (Lb.)	'000 (\$)
* Photographic chemicals (includes lithographic, reproduction and x-ray)	8415	208t 220a(i)	-	2,500
Phthalic anhydride	8416	923	12,609	2,240
Plastic products, laminated, moulded, n.o.p., having synthetic resins or cellulose plastics as the chief bonding (impregnating) agents.	8650 8930	916	-	1,550
Plastic sheets or plates, synthetic resin or cellulose plastic for the production of printers' engravings	8670	660a	-	166
Plasticizers:				
*Benzoic acid derivatives	8422	921	-	375
*para-tert-Butyl phenol	8422	921	-	85
*Butyl stearate (including butyl epoxy stearate)	8422	921	-	90
*Ester types (polyesters)	8422	921	-	475
*Hydrocarbon and paraffin derivatives	8422	921	-	325
*Phosphoric acid derivatives (except tricresyl phosphate and tributoxo ethyl phosphate)	8422	921	-	215
*Phthalic acid derivatives	8422	921	-	815
*Sebacic acid derivatives	8422	921	-	75
*Various types (includes blends and types not otherwise identified)	8422	921	-	650
Polish or composition, knife or other, n.o.p.	8413	252 ex252 ex711	-	706
* Polyethylene glycols	8415 8422	208t 220a(i) 921	-	130
Potash, muriate of (potassium chloride)	8155	209	339,555	4,402

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Potash, sulphate of (potassium sulphate)	8156	209	52,957	1,023
Potassium bitartrate (cream of tartar)	8322	208o 208t 711 851	355	103
Potassium bichromate (dichromate)	8326	209c	329	58
Potassium carbonate (potash, pearl ash)	8323	209a(1) 209a(2)	1,535	132
Potassium compounds, n.o.p.	8332	208 208t 711	11,914	1,201(N)
Potassium hydroxide	8327	209a(1) 209a(2)	3,414	255
Potassium nitrate (saltpetre)	8331	209	1,833	146
* Propionic acid	8022	216	-	70(N)
* Propylene oxide	8415	208t	-	60(N)
* Propylene glycol	8415	711	-	200
* Propylene glycol alginate	8415	208t	-	170
Putty	8202	253	605	165
Quebracho extract	8111	203	7,971	579
Radium and compounds	8379	333	-	279
* Rauwolfia serpentina and preparations	8074 8415	208t 220(i) 220a(i) 711	-	85
* Reagents, diagnostic	8074 8415	220(i) 220a(i)	-	175
* Resorcinol	8415 8422	208t 921	-	270

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Rosin, rosin sizing	1580 1581	39e 584	38,754	4,834
* Rubber accelerators (dithiocarbamates, guanidines, thiazole, thiuram sulphide and other types)	8415	208t 220a(i) 711 851	-	1,750
* Rubber antioxidants (diphenylamines, butyl cresol sulphide, phenyl naphthylamines, styrenated phenols and others)	8415	208t 220a(i) 711 851	-	1,145
* Rubber plasticizers (includes processing oil)	7168 7185 8415	208t 269c 851	-	755
* Rubber processing chemicals (not identified)	8415	208t 220a(i) 711 851	-	1,145
* Rust and corrosion inhibitors	8415	208t 220a(i)	-	415
* Saccharin and sodium saccharin	8074 8415	208t 220(i)	-	85
* Sedatives and tranquilizers, other	8074 8075 8415	208t 220(i) 220(ii) 220a(i)	-	500
* Silica, colloidal	8415	208t	-	260
* Silica gel (includes silica aerogel)	8415	208t 220a(i) 711	-	500
* Silicones	8415 8422	220a(i) 921	-	750
Sizing preparations, n.o.p.	1846	220a(i) 711	2,160	324

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS -- 1961	
			'000 (Lb.)	'000 (\$)
Soap				
Common or laundry	8232	229	543	911
Liquid	8234	228(ii)	1,202	293
Powders or flakes	8235	228(ii) 229	5,584	850
Toilet	8236	228(i) 230	—	384
n.o.p.	8238	227 228(ii)	—	193
Soda ash or barilla	8345	208t 210b(i) 711	52,981	847
Soda, caustic	8350 8352	210a(1) 210a(2) 210c	143,901	2,130
Soda nitrate or cubic nitre	8157	210e	32,713	826
* Sodium aluminate	8366	208t 711	—	235
Sodium bicarbonate	8346	207	18,482	464
Sodium bichromate	8347	210 851	8,851	1,002
Sodium bisulphate	8348	208b	4,698	100
Sodium bisulphite	8349	210 851	2,377	115
* Sodium bromate	8366	208t	—	90
* Sodium carboxymethyl cellulose	8366	220a(i) 711 848	—	510
* Sodium chlorite	8366	208t	—	80
Sodium cyanide	8354	208 851	8,838	1,200

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Sodium fluoride	8369	208t 711 791	779	90
* Sodium gluconate	8366	208t	--	125
Sodium glutamate	8355	208t 220a(i) 711	1,155	1,005
* Sodium hydrosulphide	8366	208t	--	130
* Sodium hydrosulphite	8104	203a	--	805(N)
* Sodium molybdate	8366	208t	--	95
Sodium nitrite	8357	210 851	2,175	89
* Sodium perborate (tetrahydrate)	8366	208t	--	125
Sodium peroxide	8358	210 851	531	83
Sodium phosphate, tribasic	8368	208t 711	1,942	131
Sodium phosphates, n.o.p.	8359	208t 711 729	7,830	1,065
* Sodium propionate	8366	209a(ii)	--	60
Sodium prussiate	8360	210 851	690	83
Sodium silicate (in crystals or in water solution)	8362	210 851	10,644	522
* Sodium styrene sulphonate	8415 8422	208t 921	--	65(N)
Sodium sulphate, crude or salt cake	8363	210d	64,620	575
Sodium sulphide	8364	210 851	3,841	218
Sodium sulphite	8365	210 851	9,294	250

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Solvents, petroleum oil, n.o.p.	7168	269(i)	-	670(N)
	7185	269(ii)		
	8415	711		
* Sorbic acid	8022	216	-	105(N)
* Sorbitol solution	8415	208t 220a(i)	-	490
Spirits and strong waters, medicinal wines, fortified fruit juices	8081	150	'000 (Gal.) 25	256
		151		
		159a		
		162c		
* Stabilizers, food and beverage	8415	220a(i) 711	-	80
* Stabilizers, vinyl resin	8422	921	-	690
Stains and oxides for manufacture of vitreous enamels and pottery glazes: finely divided metals for the manufacture of glassware	8215	246b	893	590
		246c		
Starch, including corn starch and all preparations having the quality of starch, n.o.p.	1828	39(ii)	15,659	1,876
* Starting fluid	8415	220a(i) 711	-	65
Stearic acid	2289	215	656	87
		215a		
		216		
* Succinyl choline chloride	8074	208t	-	55(N)
	8415	220(i)		
* Sulphamic acid	8022	216	-	95
* Sulphonamides, their salts and derivatives	8074	208t	-	1,200
	8075	208z		
	8085	220(i)		
	8415	ex220(i)		
		220(ii)		
		711 857		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Sulphur and brimstone, crude or in roll or flour	7300	208 851	659,111	7,094
*Sulphur, insoluble	8415	208t 220a(i)	-	60
Sulphuric acid	8008	217 217a 851	14,549	128
Sulphuric ether and preparations of vinyl ether	8411	219d(2)	719	119
Synthetic casings for meat	8423	711 905e(2)	431	588
Synthetic resin, raw materials, n.o.p. (chemicals for the manufacture of synthetic resins)	8410	923	6,317	3,122
Synthetic resins without admixture	8750	901a 901d	-	23,542
Synthetic resins in solutions or solvents	8770	901b 901c 925	-	6,989
Synthetic resins compounded with other materials for moulding, casting or extruding, including uncured preforms or blanks for compressed moulding	8800	902a to f	-	7,202
Synthetic resins, foamed and expanded, in logs, sheets, blocks, boards, flakes, granules or powder	8830	907	-	1,530
Synthetic resin compositions, n.o.p.	8850	904 904a	-	2,967
Synthetic resins or protein plastics in bars, rods, sheets, plates, strip, film, tubing or other primary shapes, n.o.p., whether coated or decorated or not	8870	905a to f 906a to e 919	-	15,545

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Synthetic resin plates, sheets, strip, tubing, blocks, bars, rods in which is incorporated a layer of paper, fibre-board or textile fabric, or a core of fibres whether matted or otherwise arranged, n.o.p.	8900	917b	-	3,487
Synthetic resin or protein plastic manufactures, n.o.p.	8950	216g 326q 654a 711 908 920	-	28,080
Talc or soapstone	7268	711 ex711	40,410	899(N)
Tall oil, tall oil pitch, tall oil fatty acid	1584	585a	11,373	714
*Tanner's grease and oil	7168 8415	220a(i) 279 711	-	200
Tannic acid	8020	208 851	58	59
Tartaric acid	8021	208o 711	932	340
*Textile chemicals, various	8415	208t 220a(i) 711	-	525
Titanium oxide and white pigments containing not less than 14% by weight of titanium dioxide	8181	242	53,242	8,067
*Titanium tetrabromide	8422	921	-	95(N)
Toilet preparations, perfumes and cosmetics	8221 8222 8224	160a 160b 161a 161b(1&2) 233 234	-	3,048

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
* Toilet preparation materials for use in the manufacture of cosmetics, perfumes and other toilet preparations.	8415	208t 220a(i) 711	-	280
* Toluene (toluol)	7185	269(ii)	-	605
* Tolylene diisocyanate - See isocyanates				
* Triacetin	8415	208t	-	195
* Tributoxy ethyl phosphate	8415 8422	208t 921	-	80(N)
* Trichloroethylene	8415	220a(i) 711	-	245
* Trichloroisocyanuric acid	8022	216	-	60(N)
* Tricresyl phosphate	8415 8422	208t 921	-	475
* Triisobutyl aluminum	8422	921	-	70(N)
* Trimethylolethane	8422	921	-	115(N)
Tungsten carbide (encased in metal tubes)	8425	829	-	119
Turpentine, spirits of	1835	261	993	656
Ultramarine blue, dry or in pulp	8192	240	447	108
* Urea	8415 8422	208t 711 921	-	60
Varnishes, lacquers, japans, japan driers and oil finish, n.o.p.	8216	249	'000 (Gal.) 377	1,474
* Veterinary medicines and products, n.o.p.	8074 8075 8415	220(i) 220(ii) 220a(i) 711	'000 (Lb.) -	275

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Vitamins and vitamin products:				
*Vitamin A	8074	208t	-	535
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
	711			
*Vitamin A acetate	8415	208t	-	230
		220a(i)		
		711		
*Vitamin A palmitate	8415	208t	-	450
		220a(i)		
		711		
*Vitamin A and D combinations	8075	220(i)	-	100
	8415	220a(i)		
		711		
*Vitamin B ₁ - Thiamine hydrochloride	8074	208t	-	50
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
	711			
*Vitamin B ₁ - Thiamine mononitrate	8415	208t	-	135
		220a(i)		
Vitamin B ₂ - Riboflavin	8432	208t 219f	-	377
*Vitamin B ₁₂ -	8074	208t	-	300
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
		711		
Vitamin B complex: Niacin (nicotinic acid)	8010	216	136	169
		216i		
*Vitamin B complex: Niacinamide (nicotinamide)	8415	208t	-	105
		220a(i)		
*Vitamin B complex: pantothenic acid, pantothenol and its salts.	8074	208t	-	120
	8075	219h		
	8366	220(i)		
	8415	220(ii)		
		220a(i)		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Vitamin and vitamin products: cont.				
*Vitamin B complex: not further identified	8074	208t	-	75
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
		711		
*Vitamin C - Ascorbic acid, isoascorbic acid, and their salts	8022	208t	-	1,059
	8024	216		
	8074	220(i)		
	8075	220(ii)		
	8366	711		
8415				
*Vitamin D ₂ and D ₃	8415	208t	-	110
		220a(i)		
		711		
*Vitamin E (D-alpha-tocopherol acetate and succinate, mixed tocopherols)	8074	208t	-	310
	8415	220(i)		
		220a(i)		
		711		
*Vitamin K (4-amino-2-methyl-1-naphthol hydrochloride; 2-methyl-3-phytyl-1,4-naphthoquinone; menadione diphosphate-tetrasodium salt; menadione sodium bisulphite)	8074	208t	-	80
	8075	220(i)		
	8415	220(ii)		
		711		
*Vitamin products, combinations, n.o.p.	8074	208t	-	925
	8075	220(i)		
	8415	220(ii)		
		220a(i)		
	711			
Wattle extract	8119	203	1,731	105
Wax, vegetable and mineral, n.o.p.	9270	225	1,910	1,136
		225a		
		225b		
		225c		
Wax and manufactures of wax, n.o.p.	9271	15a	-	862
		224		
		711		
		ex711		

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS - 1961	
			'000 (Lb.)	'000 (\$)
Weed-killing preparations or chemicals (includes 2,4-D)	8069	219a(i) 219a(ii) 791	-	6,128
Whiting, gilders' whiting and Paris white	7269	240	16,816	233(N)
Xanthates for ores	8016	208u	5,481	1,542
* X-ray contrast media	8074 8075 8366 8415	208t 220(i) 220(ii)	-	205
* Xylene (Xylol)	7185	269(ii)	-	445
Yeast, dead or inactive	8433	208t 219g 711	397	139
* Zeolites	8366 8415	208t 220a(i)	-	150
* Zinc hydrosulphite	8104 8415	203a 208t	-	635(N)
* Zinc resinate	8415	208t	-	70(N)
* Zinc sulphate	8279	208s	1,808	78
Zinc white oxide	8193	242	4,477	455
Zirconium silicate	7015	295a	-	212

REFERENCES

CHEMICAL IMPORT TRENDS, A FIVE YEAR STUDY

THE CONDENSED CHEMICAL DICTIONARY, (Sixth Edition) Reinhold Publishing Corporation, New York, 1961

CONVERTIBILITY INDEX OF CUSTOMS TARIFF ITEMS TO IMPORT STATISTICAL CLASSIFICATION - Dominion Bureau of Statistics, International Trade Division.

THE CUSTOMS TARIFF, Department of National Revenue, Customs Division.

DOMINION BUREAU OF STATISTICS' TABULATION OF \$1,000 ENTRIES, IMPORT CLASS NOS. 7168, 7185, 8022, 8074, 8075, 8337, 8366, 8415, 8422, - Dominion Bureau of Statistics, International Trade Division.

1962 GUIDE TO PROPER NAMES, OFFICIAL NAMES, BRAND NAMES, Drug Merchandising, Part 2 Issue of October, 1961, Toronto, Ontario.

HANDBOOK OF MATERIAL TRADE NAMES, (1953 Edition) Supplement I (1956), Supplement II (1957), Supplement III (1960), Zimmerman and Lavine, Industrial Research Service Inc., Dover, New Hampshire.

IMPORT STUDIES I. D. Br. 15-57, 1-58, 1-59, 10-60, 13-60, 1-61, Department of Trade and Commerce, Industrial Promotion Branch.

THE MERCK INDEX (Seventh Edition) Merck and Company, Inc., Rahway, New Jersey, 1960.

NEW PRODUCTS INDEX (Volumes 1-13), Canadian Pharmaceutical Association Inc., Toronto, Ontario.

TRADE OF CANADA "IMPORTS" - 1956, 1957, 1958, 1959, 1960, 1961, Dominion Bureau of Statistics, International Trade Division.

TRADE OF CANADA STATISTICAL CLASSIFICATION - "IMPORTS", Working Document, Dominion Bureau of Statistics, International Trade Division.



INDUSTRY CANADA/INDUSTRIE CANADA



135909

