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IMPORT TRENDS  
A five year study

# CHEMICAL IMPORT TRENDS

*A Five Year Study*

1956 — 1960

Published by the authority of  
the Hon. George Hees  
Minister of Trade and Commerce

Prepared by The Industrial Promotion Branch  
Domestic Commerce Service  
Department of Trade and Commerce  
Ottawa

"We must develop secondary manufacturing in all parts of Canada to process to final form the raw materials we produce in such abundance, so that the economies of these regions may become diversified . . .

"We have in Canada one of the great industrial potentials of the world. To start with, we have almost limitless supplies of timber and iron ore, the two fundamental raw materials of any industrial program. We have abundant supplies of all the important industrial metals, such as nickel, copper, lead and zinc. We have tremendous sources of cheap power, such as oil, gas, coal, and hydro-electric power, and are an important source of uranium, from which atomic energy is produced. We have a high degree of technical skill, and an intelligent and hard-working labour force. We also have capital, and have demonstrated our ability to attract it from abroad."

. . . Hon. George Hees — Address to the Southern Alberta Industrial Development Conference, in Calgary, Alberta, November 13, 1961.

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## INTRODUCTION

There is a substantial market in Canada for chemicals and allied products, of which many items are imported annually. During 1960 these imports totalled \$338.6 million compared with \$326.9 million in the previous year and \$288.6 million in 1956.

This report shows trends in chemical imports over the past five years. It draws attention to products that would appear to be consumed in sufficient volume to warrant manufacturing in Canada.

## EXPLANATORY NOTES

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.

Annual imports valued at \$50,000 and over were included in this survey. Values for products marked with one 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.

Values for products marked with two asterisks (\*\*) have been estimated by doubling values of six-month surveys prepared by this Branch, plus estimates for less than \$1000 entries as above. All the foregoing statistics have been reported to the nearest \$5000. No attempt was made to determine corresponding quantities. Values and quantities for products quoted directly from *Trade of Canada* are listed to the nearest thousand.

A cross-reference index is given to assist in locating items listed under group headings or included with other chemical products.

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.

Countries which are listed as the source of import are based on imports during the years 1959 and 1960. In many cases countries shipping less than ten per cent of the annual value have been omitted.

— indicates that the figure is not available.

N.O.P. = Not otherwise provided for.

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Acetophenetidin</b> <i>source:</i> Britain Netherlands	8074	220(i)	1956	—	75
	8415	220a(i)	1957	—	15
		711	1958	—	55
			1959	—	135
			1960	—	115
<b>Acetylsalicylic acid</b> <i>source:</i> Britain United States	8004	216	1956	776	417
		711	1957	875	460
			1958	1,175	636
			1959	1,031	546
			1960	950	509
<b>Acid phosphate, not medicinal</b> <i>source:</i> United States	8371	218	1956	2,070	194
			1957	1,891	179
			1958	1,652	154
			1959	1,771	164
			1960	1,679	161
<b>*Acrylonitrile</b> <i>source:</i> United States	8415	208t	1956	—	1,235
	8422	851	1957	—	1,565
		921	1958	—	2,340
			1959	—	2,665
			1960	—	3,030
<b>*Activated carbon</b> <i>source:</i> Britain Netherlands United States	8415	238	-	1956	570
		851	1957	—	450
			1958	—	490
			1959	—	615
			1960	—	710
<b>Activated clay for the refining of oil</b> <i>source:</i> Britain United States	7018	263c	1956	—	1,484
		295c	1957	—	1,536
			1958	—	980
			1959	—	1,082
			1960	—	936
<b>*Additive materials for use in the manufacture of additives for heating, lubricating and fuel oils</b> <i>source:</i> United States	8415	220e	1956	—	3,115
			1957	—	3,875
			1958	—	3,295
			1959	—	3,250
			1960	—	4,860
<b>*Additives: gasoline and lubricant</b> <i>source:</i> United States	7168	208t	1956	—	1,555
	7185	220a(i)	1957	—	1,930
	8415	220e	1958	—	2,110
		711	1959	—	3,720
			1960	—	3,835
<b>Adhesives:</b>					
<b>Animal glue, powdered or sheet</b>	2332	232	1956	2,621	463
<i>source:</i> Britain Germany, West Netherlands United States			1957	4,126	708
			1958	7,181	1,147
			1959	5,198	817
			1960	5,339	853

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS		
			Year	'000 (Lb.)	'000 (\$)
Adhesives: <i>continued</i>	1824	232b	1956	364	90
Mucilage and vegetable glue		232f	1957	376	93
			1958	393	92
source: Britain			1959	343	85
United States			1960	1,023	128
Synthetic resin glue	8431	903	1956	1,836	570
source: United States			1957	2,461	777
			1958	2,837	886
			1959	3,310	979
			1960	2,963	972
Glue, n.o.p.	2333	232	1956	249	84
source: United States			1957	181	60
			1958	104	37
			1959	56	26
			1960	54	26
Rubber cement	1704	618	1956	—	1,263
source: Germany, West			1957	—	932
United States			1958	—	838
			1959	—	882
			1960	—	840
^Sealing compounds and adhesives, n.o.p. (includes automobile)	8415	220a(i)	1956	—	250
source: United States		711	1957	—	330
			1958	—	445
			1959	—	500
			1960	—	640
Used in cementing glass sheets for the manufacture of laminated safety glass	9215	805	1956	—	1,206
source: United States			1957	—	1,065
			1958	—	944
			1959	—	1,107
			1960	—	880
*Agar agar	8415	208t	1956	—	75
source: Britain			1957	—	80
Denmark			1958	—	60
Japan			1959	—	75
Morocco			1960	—	95
Spain					
United States					
Aluminum chloride	8252	211a	1956	2,877	400
source: United States		851	1957	2,904	393
			1958	3,300	460
			1959	3,337	453
			1960	2,430	349
Aluminum sulphate (alum, alum cake)	8251	212	1956	27,710	538
source: Britain		8254	1957	32,242	659
United States			1958	14,236	296
			1959	16,763	339
			1960	19,885	393
Ammonia, anhydrous	8265	208t	1956	35,542	1,410
source: United States		711	1957	54,129	1,990
			1958	34,290	1,379
			1959	11,186	423
			1960	6,799	260

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Ammonium chloride (sal ammoniac)	8262	208j	1956	1,385	109
	8263	210h	1957	1,911	118
source: Britain			1958	1,164	81
Belgium-Luxembourg			1959	1,211	104
Germany, West			1960	928	75
Ammonium sulphate	8151	208	1956	6,288	143
			1957	6,577	130
source: Britain			1958	11,785	219
Germany, West			1959	11,882	208
United States			1960	17,372	276
*Ammonium thioglycollate	8264	208t	1956	—	85
			1957	—	115
source: Britain			1958	—	100
United States			1959	—	125
			1960	—	150
*Amphetamine and its salts	8074	208t	1956	—	115
	8415	220(i)	1957	—	170
source: Britain			1958	—	200
United States			1959	—	115
			1960	—	<b>110</b>
Amyl alcohol	8032	157a	-1956	7	9
			1957	28	38
source: United States			1958	23	38
			1959	44	58
			1960	31	48
*Analgesics and antipyretics (includes acetylsalicylic acid combinations)	8074	208t	1956	—	260
	8075	220(i)	1957	—	165
source: Britain			1958	—	245
United States			1959	—	230
			1960	—	170
*Anesthetics, n.o.p.	8074	208t	1956	—	100
	8075	220(i)	1957	—	165
source: Britain			1958	—	210
Sweden			1959	—	230
United States			1960	—	275
*Antacid and digestive preparations, n.o.p.	8074	220(i)	1956	—	160
	8415	220a(i)	1957	—	200
source: Britain			1958	—	220
Netherlands			1959	—	270
Italy			1960	—	325
United States					
Antibiotics: penicillin and products	8083	208t	1956	—	862
		220(i)	1957	—	833
source: Britain			1958	—	754
Denmark			1959	—	1,070
United States		711	1960	—	1,204

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Antibiotics:	8084	208t	1956	—	220
streptomycin and products		220(i)	1957	—	135
<i>source:</i> Britain		220(ii)	1958	—	174
Denmark		711	1959	—	299
United States			1960	—	249
Antibiotics, n.o.p.	8086	208t	1956	—	2,881
<i>source:</i> Britain		220(i)	1957	—	4,054
Denmark		220(ii)	1958	—	4,432
Germany, West		711	1959	—	4,506
Italy		880p	1960	—	3,379
Antimony oxide (antimony trioxide)	8179	242	1956	262	63
<i>source:</i> Britain			1957	366	87
United States			1958	323	71
			1959	511	111
			1960	437	97
*Antioxidants: food n.o.p.	8415	208t	1956	—	90
<i>source:</i> United States		220a(i)	1957	—	250
		711	1958	—	200
			1959	—	115
			1960	—	125
Antioxidants: gasoline	8430	220c	1956	633	481
<i>source:</i> Britain			1957	479	381
			1958	428	357
			1959	443	364
			1960	383	316
*Argon gas	8415	208t	1956	—	320
<i>source:</i> United States		220a(i)	1957	—	170
		711	1958	—	145
			1959	—	65
			1960	—	60
*Azelaic acid	8022	216	1956	—	100
<i>source:</i> United States	8422	921	1957	—	90
			1958	—	90
			1959	—	105
			1960	—	130
^Bandages, dressings, plasters, medicated	8074	220(i)	1956	—	750
<i>source:</i> Britain	8415	711	1957	—	700
Germany, West			1958	—	710
United States			1959	—	700
			1960	—	750
^Barbituric acid, its salts and derivatives	8022	208t	1956	—	330
<i>source:</i> Britain	8074	216	1957	—	390
Switzerland	8075	220(i)	1958	—	325
United States	8366	220(ii)	1959	—	475
	8415	220a(i)	1960	—	600

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	'000 (\$)
<b>Barite (barytes, natural barium sulphate)</b>	7281	683	1956	2,950	51
source: Britain			1957	3,663	58
Germany, West			1958	2,764	57
United States			1959	3,324	64
			1960	4,042	91
<b>*Barium carbonate (precipitated)</b>	8415	208t	1956	—	140
source: Britain			1957	—	140
France			1958	—	180
Germany, West			1959	—	265
United States			1960	—	320
<b>*Barium chloride</b>	8415	208t	1956	—	55
source: Germany, West			1957	—	50
United States			1958	—	70
			1959	—	60
			1960	—	65
<b>Barium sulphate (blanc fixe and satin white)</b>	8184	240	1956	897	43
source: Britain			1957	743	42
Germany, West			1958	896	49
United States			1959	2,028	79
			1960	2,410	113
<b>*Benzoic acid</b>	8022	216	1956	—	135
source: Britain		921	1957	—	130
Germany, West			- 1958	—	105
United States			1959	—	105
			1960	—	160
				'000 (Gal.)	
<b>Benzol of all kinds</b>	7070	263a	1956	2,321	824
source: Spain		269(H)	1957	2,201	802
Poland			1958	8,151	2,909
U.S.S.R.			1959	4,580	1,504
United States			1960	7,611	2,769
				'000 (Lb.)	
<b>Binitrotoluol, trinitrotoluol, and perchlorate of ammonia for explosives</b>	8131	758	1956	324	62
source: United States			1957	10	5
			1958	1,429	166
			1959	4,283	324
			1960	4,945	413
<b>Biological products, animal or vegetable, n.o.p.</b>	9242	206a(1)	1956	—	1,573
source: Britain		206a(2)	1957	—	1,922
Austria		206a(3)	1958	—	2,158
France		206a(4)	1959	—	2,418
Sweden		206d	1960	—	2,150
Argentina		206e			
United States		786			
<b>Blacking, shoe and shoemaker's ink; shoe, harness and leather dressing, n.o.p.</b>	8392	252	1956	—	1,003
source: Britain			1957	—	1,339
Netherlands			1958	—	1,406
United States			1959	—	1,075
			1960	—	1,165

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Bleaching agents</b>	8415	208t	1956	—	165
source: Britain		220a(i)	1957	—	150
Germany, West		711	1958	—	160
United States			1959	—	200
			1960	—	270
<b>Blueing, laundry</b>	8393	246	1956	—	29
source: Britain			1957	—	89
United States			1958	—	77
			1959	—	50
			1960	—	63
<b>Boracic acid</b>	8001	208	1956	3,724	250
source: United States		851	1957	3,181	210
			1958	3,264	198
			1959	4,518	248
			1960	4,663	262
<b>Borax, and fused borax</b>	8342	208	1956	20,716	624
source: United States		208f	1957	20,569	608
		851	1958	20,331	641
			1959	20,158	616
			1960	20,031	642
<b>*Brake fluid</b>	8415	220a(i)	1956	—	150
source: United States			1957	—	150
			1958	—	165
			1959	—	270
			1960	—	300
<b>Butadiene</b>	8428	208t	1956	—	5,296
source: United States		711	1957	—	6,435
			1958	—	3,828
			1959	—	1,695
			1960	—	2,920
<b>Butyl alcohol</b>	8034	207a	1956	269	36
source: United States			1957	504	60
			1958	1,058	137
			1959	1,542	202
			1960	1,241	171
<b>*para-tert-Butyl catechol</b>	8415	208t	1956	—	45
source: United States	8422	851	1957	—	65
		921	1958	—	80
			1959	—	65
			1960	—	80
<b>Caffeine and its salts</b>	8052	208t	1956	186	414
source: Germany, West		711	1957	169	365
Switzerland			1958	187	402
Netherlands			1959	244	480
			1960	130	218

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Calcium chloride <i>source:</i> United States	8315	208a(1)	1956	59,926	853
		208a(2)	1957	90,826	1,337
		208d	1958	68,343	1,023
			1959	72,088	1,037
			1960	46,338	700
Calcium molybdate, vanadium oxide, and tungsten oxide <i>source:</i> United States	8318	208g	1956	322	367
		490a	1957	286	468
			1958	135	109
			1959	76	83
			1960	237	332
**Calcium phosphates <i>source:</i> United States	8319 8074	208t	1956	—	240
		220(i)	1957	—	165
		711	1958	—	335
			1959	—	340
			1960	—	265
**Calcium silicates (including wollastonite) <i>source:</i> United States	8319 8415 8422	208t	1956	—	85
		ex. 208t	1957	—	85
		ex. 711	1958	—	45
		921	1959	—	80
			1960	—	65
**Calcium silicon <i>source:</i> France Netherlands United States	8319	208t	1956	—	120
		220a(i)	1957	—	185
			1958	—	100
			1959	—	80
			1960	—	95
Camphor, natural or synthetic <i>source:</i> Germany, West United States	8394	264b	1956	111	57
			1957	132	83
			1958	97	47
			1959	84	42
			1960	131	64
Carbolic acid or phenol <i>source:</i> United States	8027	216	1956	6,898	1,181
		711	1957	4,355	755
		922	1958	3,599	636
			1959	6,614	1,070
			1960	4,790	749
Carbon black <i>source:</i> United States	8182	239	1956	42,401	2,604
			1957	40,185	2,613
			1958	31,286	2,184
			1959	39,364	2,691
			1960	27,758	2,069
**Carbon black oil <i>source:</i> United States	7185	272c	1956	—	735
			1957	—	535
			1958	—	1,075
			1959	—	725
			1960	—	1,005

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS		
			Year	'000 (Lb.)	'000 (\$)
<b>Carbon disulphide</b>	8395	208	1956	1,236	59
source : United States		851	1957	41	3
			1958	27	2
			1959	631	34
			1960	2,846	147
<b>Catalysts, petroleum refining, n.o.p.</b>	8434	263c	1956	—	6,465
source : Britain			1957	—	6,465
United States			1958	—	2,779
			1959	—	2,691
			1960	—	1,880
<b>*Catalysts, various types, n.o.p.</b>	8415	220a(i)	1956	—	240
source : United States	8422	711	1957	—	415
		921	1958	—	200
			1959	—	230
			1960	—	450
<b>Cellulose acetate sheet in rolls for sensitized photographic film</b>	8046	822	1956	—	1,089
source : United States			1957	—	1,246
			1958	—	1,347
			1959	—	1,490
			1960	—	1,094
<b>Cellulose esters or ethers, or combinations thereof, without admixture</b>	8500	909a	1956	—	1,642
source : United States		1 to 7	1957	—	1,924
		909b	1958	—	1,952
		909c	1959	—	2,076
		1 to 7	1960	—	2,074
<b>Cellulose esters or ethers, or combinations thereof compounded with other materials for moulding, casting, extruding or pressing</b>	8530	910	1956	—	1,006
source : Britain			1957	—	974
United States			1958	—	1,012
			1959	—	1,460
			1960	—	1,453
<b>Cellulose plastic plates, sheets, strip, film, blocks, bars, rods, tubes or other primary shapes</b>	8600	912	1956	—	1,592
source : Britain		913a	1957	—	1,643
Germany, West		913b	1958	—	1,598
United States		924a	1959	—	2,045
			1960	—	2,746
<b>Cellulose plastic plates, sheets, strip, tubing, blocks, bars, rods, reinforced or supported</b>	8630	917a	1956	—	550
source : Germany, West		917b	1957	—	335
Sweden			1958	—	432
United States			1959	—	638
			1960	—	392
<b>Cellulose plastic foamed and expanded, in sheets, blocks, boards, granules or powder</b>	8550	761	1956	—	66
<b>Cellulose compositions of esters or ethers with other materials, n.o.p.</b>	8570	911	1957	—	164
source : Germany, West		914	1958	—	134
United States			1959	—	83
			1960	—	78

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	'000 (\$)
Cellulose plastic manufactures, n.o.p.	8700	577	1956	—	1,629
<i>source:</i> Britain		915a	1957	—	1,960
Germany, West		915b	1958	—	2,128
Italy		915c	1959	—	2,110
Hong Kong			1960	—	1,912
Japan					
United States					
Cellulose regenerated manufactures, n.o.p.	8720	918a	1956	—	1,695
<i>source:</i> Britain		918b	1957	—	1,873
Germany, West		918c	1958	—	1,726
Netherlands			1959	—	1,782
Switzerland			1960	—	2,356
Charcoal, animal, for use in the refining of sugar or corn products	2054	689	1956	3,605	307
<i>source:</i> Britain			1957	3,156	263
Netherlands			1958	3,430	311
UAR-Egypt			1959	2,891	257
			1960	2,675	224
Chestnut extract	8116	203	1956	2,822	274
<i>source:</i> Italy			1957	2,094	203
France			1958	1,407	131
United States			1959	1,624	148
			1960	1,359	117
Chloride of lime (chlorinated lime, calcium hypochlorite)	8316	208a(1)	1956	3,316	221
		208a(2)	1957	2,632	212
<i>source:</i> Britain			1958	3,048	254
United States			1959	2,726	282
			1960	3,742	367
Chlorine, liquid or chlorine gas	8303	208t	1956	68,395	1,950
<i>source:</i> United States		711	1957	67,657	1,917
			1958	46,204	1,311
			1959	53,167	1,492
			1960	55,639	1,558
*Chlorofluorohydrocarbons	8415	208t	1956	—	600
<i>source:</i> United States		220a(i)	1957	—	400
		711	1958	—	400
			1959	—	400
			1960	—	400
Chloroform	8397	219d(1)	1956	437	66
<i>source:</i> United States		219d(2)	1957	591	85
			1958	409	55
			1959	542	66
			1960	617	69
Chromic acid	8026	216	1956	1,035	281
<i>source:</i> Britain		ex. 216	1957	1,152	308
United States		711	1958	852	231
			1959	1,143	308
			1960	1,127	306

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Chromic sulphate basic for tanning</b>	8105	203a	1956	3,282	317
source: United States			1957	3,153	302
			1958	3,269	325
			1959	4,095	416
			1960	3,239	331
<b>^Cleaning compounds (includes boiler, drain, dry cleaning, glass, metal, general household, washing compounds, etc.)</b>	8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	1,050 1,300 1,055 1,150 1,800
source: Britain United States					
<b>Cleaning compounds, sodium base</b>	8337	208t 711	1956 1957 1958 1959 1960	15,888 18,102 18,137 18,670 22,428	1,959 2,363 2,657 2,569 3,238
source: United States					
<b>Coal tar products for dyeing and tanning (aniline and coal tar dyes, aniline oil, aniline salts, alizarin, coal tar base or salt)</b>	8091 8092 8094 8095	203 203b 203c 203e 203f 246	1956 1957 1958 1959 1960	6,816 7,003 7,468 7,960 8,119	8,704 8,765 9,296 9,278 9,408
source: Britain Switzerland Germany, West United States					
<b>Codeine and salts</b>	8054	208t 711	1956 1957 1958 1959 1960	6 7 8 8 9	455 516 600 646 733
source: Britain					
<b>*Cold and cough remedies</b>	8074 8075	220(i) 220(ii)	1956 1957 1958 1959 1960	— — — — —	510 530 715 585 300
source: Britain United States					
<b>Colours: artists' and children's</b>	8211	247a(1) 247a(2)	1956 1957 1958 1959 1960	— — — — —	676 715 791 1,056 1,089
source: Britain Germany, West Netherlands United States					
<b>*Colours, dyes, pastes and pigments for printing textiles</b>	8415	203d	1956 1957 1958 1959 1960	— — — — —	630 710 570 705 850
source: United States					
<b>*Colours, dyes, pastes and pigments, n.o.p.</b>	8415 8422	220a(i) 921	1956 1957 1958 1959 1960	— — — — —	1,080 1,145 1,130 1,030 1,750
source: Germany, West United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Concrete hardeners and plasticizers, curing compounds</b>	8415	220a(i)	1956	—	75
source: United States			1957	—	90
			1958	—	125
			1959	—	95
			1960	—	90
<b>Copper sulphate</b>	8275	208c	1956	2,063	323
source: Britain		208m	1957	2,036	263
United States		791	1958	2,250	238
			1959	2,617	289
			1960	2,235	283
<b>*Cream whipping agents</b>	8415	220a(i)	1956	—	75
source: United States		711	1957	—	85
			1958	—	130
			1959	—	130
			1960	—	130
<b>Cresylic acid</b>	8015	208e	1956	441	54
source: Britain		216	1957	429	65
United States		711	1958	464	56
			1959	689	66
			1960	651	80
<b>*para-Cresylic acid (para-Cresol)</b>	8415	208t	1956	—	10
source: United States			1957	—	15
			1958	—	120
			1959	—	180
			1960	—	155
<b>*Cyclohexylamine</b>	8415	208t	1956	—	—
source: Britain			1957	—	20
Germany, West			1958	—	35
United States			1959	—	75
			1960	—	100
<b>*Cyclopropane</b>	8415	711	1956	—	60
source: Britain			1957	—	25
United States			1958	—	85
			1959	—	105
			1960	—	115
<b>*Decyl alcohol, isodecyl alcohol, mixed isomers</b>	8422	921	1956	—	75
source: United States			1957	—	75
			1958	—	90
			1959	—	210
			1960	—	200
<b>*Defoaming agents and foam controllers</b>	8415	208t	1956	—	200
source: United States		220a(i)	1957	—	125
		711	1958	—	200
			1959	—	200
			1960	—	250

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Deodorants, deodorizers, air, household and industrial</b>	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	95 120 200 160 100
<i>source:</i> United States					
<b>Detergents, dispersing, emulsifying, wetting and other surface active agents</b>					
<b>**Alkanolamides, amides amines and other fatty acid derivatives</b>	8415 8264	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	670 630 515 880 935
<i>source:</i> Britain Germany, West Switzerland United States					
<b>**Alkylary1 hydrocarbons unsulphonated</b>	7185	269b	1956 1957 1958 1959 1960	— — — — —	1,940 2,120 1,220 410 50
<i>source:</i> United States					
<b>**Alkyl aryl sulphonates</b>	8366 8415	208t 220a(i) 711 851	1956 1957 1958 1959 1960	— — — — —	785 515 660 710 815
<i>source:</i> Britain United States					
<b>**Alkyl sulphates</b>	8264 8366 8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	514 430 370 390 425
<i>source:</i> Britain Germany, West United States					
<b>**Ethyleneoxide condensates</b>	8415 8422	208t 220a(i) 711 921	1956 1957 1958 1959 1960	— — — — —	810 1,025 1,025 1,260 1,095
<i>source:</i> Britain United States					
<b>**Quaternary ammonium salts</b>	8264 8366 8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	80 105 160 205 350
<i>source:</i> Britain Germany, West United States					
<b>Dextrine and starch and preparations</b>	1840 1841	39c 39d	1956 1957 1958 1959 1960	3,585 4,099 4,674 4,896 4,209	296 320 383 373 321
<i>source:</i> Britain Netherlands United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
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	1956	—	351
			1957	—	377
			1958	—	478
			1959	—	544
			1960	—	756
source: United States					
*Dichlorobenzene ortho and para	8415	208t	1956	—	215
source: Britain		711	1957	—	145
United States			1958	—	170
			1959	—	210
			1960	—	230
^Diethanolamine	8415	208t	1956	—	220
source: United States		711	1957	—	170
			1958	—	110
			1959	—	250
			1960	—	20
*Diethylene glycol monoethyl ether solvent	8415	208t	1956	—	100
source: United States			1957	—	110
			1958	—	110
			1959	—	300
			1960	—	335
*Diisopropyl benzene mono-hydroperoxide	8415	851	1956	—	190
source: United States			1957	—	205
			1958	—	235
			1959	—	160
			1960	—	285
*Dimethylamine	8415	208t	1956	—	75
source: United States			1957	—	75
			1958	—	60
			1959	—	65
			1960	—	55
^Dimethyl formamide	8415	208t	1956	—	20
source: United States	8422	863	1957	—	220
		921	1958	—	300
			1959	—	150
			1960	—	125
Disinfectants, dips, sprays, fumigants, chemicals or preparations for use in combating destructive insects and pests, n.o.p.	8070	209b	1956	—	585
source: Britain	8071	219a(i)	1957	—	476
France	8072	219e	1958	—	573
Germany, West			1959	—	729
Switzerland			1960	—	663
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	IMPORTS '000 (\$)
Disinfectants, dips, sprays, n.o.p. and materials for manufacturing preparations for use in combating destructive insects and pests, n.o.p.	8073	219a(ii) 791	1956 1957 1958 1959 1960	— — — — —	7,798 8,407 8,397 10,512 10,456
<i>source:</i> Britain France Germany, West Sweden Switzerland United States					
Dyeing and tanning materials, n.o.p.	8104	203	1956	23,526	1,961
<i>source:</i> Britain France Germany, West Switzerland United States	8106 8109 8113 8114 8115 8117 8118 8121	203a	1957 1958 1959 1960	33,480 26,490 25,497 9,482	1,992 1,610 1,676 1,478
Electroplating chemicals *Nickel brighteners	8415	220a(i)	1956 1957 1958 1959 1960	— — — — —	250 350 330 360 320
<i>source:</i> United States					
*Zinc brighteners	8415	220a(i)	1956 1957 1958 1959 1960	— — — — —	40 50 70 80 70
<i>source:</i> United States					
*Other electroplating chemicals	8415	220a(i)	1956 1957 1958 1959 1960	— — — — —	75 90 60 120 115
<i>source:</i> United States					
*Emulsifiers, food (Monoglycerides)	8415	220a(i) ex. 711	1956 1957 1958 1959 1960	— — — — —	320 450 445 585 690
<i>source:</i> United States					
*Enzymes	8074	208t	1956	—	245
<i>source:</i> Britain Denmark United States	8075 8415	220(i) 220a(i)	1957 1958 1959 1960	— — — —	235 290 260 300
*Epichlorohydrin	8415	208t	1956	—	—
<i>source:</i> United States	8422	921	1957 1958 1959 1960	— — — —	— 150 150 165

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	'000 (Lb.)	'000 (\$)
*Ergot alkaloids (including whole drug and preparations)	8074	208t	1956	—	80
	8075	220(i)	1957	—	100
	8415	220(ii)	1958	—	115
source: Britain		220a(i)	1959	—	105
Switzerland			1960	—	75
United States					
*Ethyl carbamate	8415	208y	1956	—	15
source: United States			1957	—	100
			1958	—	75
			1959	—	100
			1960	—	95
*				'000 (Gal.)	
Ethyl or methyl alcohols or mixtures of methyl alcohol	8036	156f	1956	2,135	731
		157	1957	1,697	519
		158	1958	1,872	540
source: United States		158a	1959	3,298	945
		158b	1960	58	39
		203g			
		875a			
*				'000 (Lb.)	
Ethylchloride	8388	208t	1956	4,440	325
source: United States		219d(1)	1957	23,377	1,596
		263d	1958	20,541	1,389
		711	1959	20,696	1,471
			1960	19,854	1,432
*Ethylene diamine	8415	208t	1956	—	90
source: United States			1957	—	85
			1958	—	45
			1959	—	45
			1960	—	55
Ethylene glycol and mixtures of ethylene glycol for use in the manufacture of antifreezing compounds	8399	207c	1956	2	3
source: Puerto Rico			10^7	13 ?i 4	1,434
United States				3,097	347
			1959	24,128	2,387
			1960	7,534	731
*					
Ethylene glycol for the manufacture of explosives and ethylene glycol, n.o.p.	8400	207b	1956	209	37
source: Puerto Rico		208t	1957	50	9
United States		711	1958	2,401	305
			1959	9,486	1,029
			1960	8,592	1,033
*Ethylene glycol monobutyl ether	8415	208t	1956	—	95
source: United States			1957	—	100
			1958	—	80
			1959	—	115
			1960	—	140
*Ethylene glycol monoethyl ether	8415	208t	1956	—	100
source: Britain			1957	—	100
United States			1958	—	110
			1959	—	115
			1960	—	115

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
*Ethylene glycol monoethyl ether acetate	8415	208t	1956	—	50
source: United States			1957	—	60
			1958	—	70
			1959	—	65
			1960	—	55
*Ethylene glycol monomethyl ether	8415	208t	1956	—	30
source: United States			1957	—	50
			1958	—	25
			1959	—	70
			1960	—	50
*Ethylene oxide	8415	711	1956	—	6,010
source: United States			1957	—	4,635
			1958	—	360
			1959	—	3,115
			1960	—	955
*2-Ethyl hexoic acid	8022	216	1956	—	90
source: United States			1957	—	65
			1958	—	65
			1959	—	50
			1960	—	45
Explosives, n.o.p., blasting powder, dynamite, nitro-glycerine, non-metallic fuse	8133	665a	1956	407	299
source: United States	8134	666	1957	1,808	689
	8136	667	1958	4,944	1,147
	8138		1959	818	378
			1960	3,848	883
*Fatty acids, n.o.p.	8022	216	1956	—	210
source: Britain	8074	220(i)	1957	—	225
Germany, West	8415	220a(i)	1958	—	275
United States	8422	711	1959	—	350
		921	1960	—	200
Fatty alcohols	8435	208t	1956	—	1,166
source: Germany, West		711	1957	—	1,059
United States		ex. 711	1958	—	1,527
		865	1959	—	1,949
			1960	—	1,542
Feed compounds for livestock and poultry					
**Arsanilic acid	8022	216	1956	—	—
source: United States	8415	219h	1957	—	50
			1958	—	70
			1959	—	90
			1960	—	120
**Calcium iodate	8319	208t	1956	—	—
source: United States	8415	219h	1957	—	30
			1958	—	50
			1959	—	65
			1960	—	35

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Feed compounds for livestock and poultry : <i>continued</i></b>					
**Choline chloride	8415	219h	1956	—	110
			1957	—	140
source: United States			1958	—	210
			1959	—	200
			1960	—	175
**Diethyl stilbestrol	8074	208t	1956	—	85
source: Britain	8075	219h	1957	—	120
Germany, West	8415	220(i)	1958	—	80
United States		220(iii)	1959	—	200
			1960	—	85
**Furazolidone	8415	219h	1956	—	—
source: Netherlands			1957	—	20
Italy			1958	—	45
United States			1959	—	55
			1960	—	95
**Methionine	8074	208t	1956	—	250
source: Germany, West	8415	219h	1957	—	205
United States		220(i)	1958	—	340
			1959	—	195
			1960	—	180
**3-Nitro-4-hydroxy phenyl arsonic acid, nitrophenyl arsonic acid	8074	208t	1956	—	70
source: Britain		219h	1957	—	180
United States		220(i)	1958	—	225
		220a(i)	1959	—	160
			1960	—	175
**Urea nitrogen	8415	219h	1956	—	365
source: Japan			1957	—	380
United States			1958	—	550
			1959	—	670
			1960	—	400
**Vitamin and mineral with or without antibiotics	8074	219h	1956	—	915
source: Britain	8415	220(i)	1957	—	1,530
United States		220a(i)	1958	—	2,210
			1959	—	1,850
			1960	—	1,860
**Feed compounds, not otherwise identified	8074	219h	1956	—	120
source: Britain	8415	220(i)	1957	—	255
United States			1958	—	300
			1959	—	740
			1960	—	1,330
*Feed compounds, all types, total of above ten categories	8022	208t	1956	—	1,915
source: Britain	8074	219h	1957	—	2,910
Germany, West	8075	220(i)	1958	—	4,080
Italy	8415	220(ii)	1959	—	4,225
Japan		220a(i)	1960	—	4,455
Netherlands					
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Fertilizer, mixed, fertilizer materials, n.o.p., potash fertilizer, n.o.p.</b>	<b>8164</b>	662	1956	22,388	771
	8166	663	1957	38,660	1,166
	8167	663b	1958	31,196	1,097
source:	Britain		1959	45,706	1,627
	Belgium-Luxembourg		1960	38,319	1,261
	Japan				
	Germany, West				
	Sweden				
	United States				
<b>*Fire extinguisher compounds</b>	<b>8415</b>	220a(i) 711	1956	—	200
source:	Britain		1957	—	215
	United States		1958	—	285
			1959	—	250
			1960	—	300
<b>Fireworks, firecrackers and torpedoes, all kinds</b>	<b>8135</b>	665	1956	—	354
source:	Britain		1957	—	277
	Hong Kong		1958	—	279
	United States		1959	—	266
			1960	—	191
<b>*Flavouring extracts and food seasoning</b>	<b>8415</b>	208t 220a(i) 711	1956	—	420
source:	Britain		1957	—	535
	Netherlands		1958	—	620
	Italy		1959	—	635
	France		1960	—	780
	Switzerland				
	United States				
<b>Fluorescent coating or powder</b>	<b>8437</b>	220a(i) 220d	1956	106	540
source:	United States		1957	111	430
			1958	105	449
			1959	144	583
			1960	235	827
<b>Formaldehyde containing not more than 15% of alcohol</b>	<b>8401</b>	219b	1956	7,115	272
source:	Britain		1957	6,617	255
	United States		1958	6,638	241
			1959	4,414	154
			1960	10,735	396
<b>Formic acid</b>	<b>8025</b>	216 ex. 216	1956	1,083	113
source:	Germany, West		1957	1,760	176
	Netherlands		1958	1,265	128
	United States		1959	1,157	114
			1960	1,141	120
<b>*Fumaric acid</b>	<b>8022</b>	216	1956	—	60
source:	United States	8422	1957	—	125
			1958	—	115
			1959	—	315
			1960	—	350
<b>Gelatin, inedible for photographic use</b>	<b>2320</b>	232g	1956	203	287
source:	United States		1957	315	455
			1958	280	406
			1959	316	499
			1960	206	322

PRODUCT	D.B.S. CLASS	TARIFF ITEMS	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Gelatin capsules, empty, for medicinal preparations</b>	2328	231c	1956	—	368
source: United States			1957	—	443
			1958	—	393
			1959	—	517
			1960	—	559
<b>Gelatin, edible</b>	2329	232c ex. 232c	1956	2,598	1,367
source: Australia			1957	2,084	1,100
Belgium-Luxembourg			1958	2,511	1,436
Britain			1959	2,260	1,238
Denmark			1960	1,795	962
France					
Netherlands					
United States					
<b>Gelatin, n.o.p.</b>	2331	232a	1956	67	18
source: Britain			1957	479	152
France			1958	353	98
Germany, West			1959	408	93
United States			1960	243	62
<b>Glycerine, crude for the manufacture of refined glycerine</b>	8402	664(1)	1956	4,896	883
source: Jamaica			1957	5,154	863
United States			1958	6,542	1,140
			1959	8,509	1,668
			1960	6,807	1,361
<b>Glycerine for the manufacture of explosives</b>	8403	664(2)	1956	1,193	344
source: United States			1957	2,474	580
			1958	821	211
			1959	984	261
			1960	807	224
<b>Glycerine, n.o.p.</b>	8404	208t 711	1956	626	186
source: United States			1957	349	93
			1958	302	83
			1959	431	117
			1960	522	149
<b>*Glycol ether solvents, n.o.p.</b>	8415	208t	1956	—	45
source: United States			1957	—	55
			1958	—	65
			1959	—	250
			1960	—	235
<b>Gun, rifle, sporting, cannon, musket and canister powder</b>	8137	668	1956	580	530
source: Britain			1957	540	403
United States			1958	564	536
			1959	573	394
			1960	391	395
<b>*Heat transfer media</b>	8415	220a(i)	1956	—	140
source: United States			1957	—	195
			1958	—	200
			1959	—	195
			1960	—	315

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
* <b>Helium gas</b>	8415	208t	1956	—	40
source: United States			1957	—	50
			1958	—	50
			1959	—	30
			1960	—	60
* <b>Heparin (sodium)</b>	8074	208t	1956	—	80
source: Britain	8075	220(i)	1957	—	45
Denmark	8415	220(ii)	1958	—	50
United States			1959	—	80
			1960	—	90
* <b>Hexamethylenetetramine and hexamethylenetetramine mandelate</b>	8415	208t	1956	—	185
	8422	220a(i)	1957	—	155
		711	1958	—	190
source: Britain		921	1959	—	205
Germany, West			1960	—	210
United States					
* <b>Hexylene glycol</b>	8415	208t	1956	—	75
source: Britain			1957	—	80
United States			1958	—	75
			1959	—	145
			1960	—	155
* <b>Hormones: adrenocortical including their salts and derivatives</b>	8074	208t	1956	—	2,300
	8075	220(i)	1957	—	1,220
source: Britain	8076	220(H)	1958	—	1,860
Denmark	8415	220(iii)	1959	—	2,060
France		220a(i)	1960	—	1,660
Switzerland		711			
United States					
* <b>Hormones: sex (includes synthetic preparations)</b>	8074	208t	1956	—	200
	8075	220(i)	1957	—	130
source: Britain	8415	220(H)	1958	—	200
Netherlands		220a(i)	1959	—	260
Germany, West		711	1960	—	200
Switzerland					
United States					
* <b>Hydrofluoric acid</b>	8022	216	1956	—	350
source: Britain	8415	711	1957	—	325
United States			1958	—	95
			1959	—	55
			1960	—	60
<b>Hydrogen peroxides in solution</b>	8373	219(i)	1956	2,141	448
source: Austria		219(H)	1957	2,813	598
United States			1958	494	129
			1959	794	232
			1960	402	89

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Hydroquinone</b>	8415	208t	1956	—	100
<i>source:</i> Britain			1957	—	150
United States			1958	—	200
			1959	—	135
			1960	—	130
<b>*Hydroquinone monomethyl ether</b>	8415	851	1956	—	—
<i>source:</i> United States			1957	—	75
			1958	—	115
			1959	—	60
			1960	—	50
<b>Ink, printing</b>	8405	256	1956	1,842	1,005
<i>source:</i> Britain			1957	2,345	1,178
Germany, West			1958	2,184	1,169
United States			1959	2,314	1,255
			1960	2,688	1,472
<b>Ink, rotogravure</b>	8406	256a	1956	1,102	271
<i>source:</i> United States			1957	1,043	267
			1958	1,196	321
			1959	1,649	429
			1960	1,599	438
<b>Ink, writing</b>	8407	257	1956	—	107
<i>source:</i> Britain			1957	—	130
Germany, West			1958	—	138
Italy			1959	—	157
Japan			1960	—	165
United States					
<b>Iodine, crude</b>	8304	208	1956	102	140
<i>source:</i> Japan			1957	93	100
Chile			1958	81	77
United States			1959	112	100
			1960	83	76
<b>*Iron, injectable</b>	8074	208t	1956	—	10
<i>source:</i> Britain	8075	220(i)	1957	—	50
United States	8415	220(ii)	1958	—	325
		220a(i)	1959	—	500
			1960	—	125
<b>*Iso-octyl alcohol</b>	8415	208t	1956	—	150
<i>source:</i> Britain	8422	921	1957	—	220
United States			1958	—	375
			1959	—	440
			1960	—	610
<b>*Isophorone</b>	8415	208t	1956	—	40
<i>source:</i> United States			1957	—	50
			1958	—	60
			1959	—	75
			1960	—	90

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
*Isoprene	7168	851	1956	—	535
source: United States			1957	—	**500
			1958	—	**415
			1959	—	330
			1960	—	480
Lactic acid	8009	216	1956	571	134
source: Britain		711	1957	508	118
Netherlands			1958	573	125
United States			1959	535	133
			1960	577	155
*Lactose	8415	220a(i)	1956	—	35
source: Britain		711	1957	—	95
Netherlands			1958	—	80
United States			1959	—	60
			1960	—	55
*Lanolin	8415	208t	1956	—	50
source: Britain		711	1957	—	50
United States			1958	—	50
			1959	—	60
			1960	—	60
*Laurie acid	8022	216	1956	—	225
source: Britain			1957	—	130
Denmark			1958	—	110
United States			1959	—	260
			1960	—	250
**Laxatives, purgatives, cathartics, n.o.p.	8074	220(i)	1956	—	250
source: Britain	8075	220(ii)	1957	—	300
United States	8415	711	1958	—	230
			1959	—	250
			1960	—	260
Lead oxide, red, dry, and orange mineral	8172	242	1956	427	75
source: Britain			1957	801	121
United States			1958	985	128
			1959	674	85
			1960	780	107
*Lead silicates	8415	208t	1956	—	150
source: United States	8422	220a(i)	1957	—	150
		921	1958	—	160
			1959	—	160
			1960	—	150
*Lead sulphate compounds	8415	208t	1956	—	125
source: United States	8422	921	1957	—	80
			1958	—	70
			1959	—	80
			1960	—	70

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Lignosulphonates <sup>U)</sup>	8417A)	203	1956	—	—
<i>source:</i> Norway		203a	1957	—	—
United States			1958	—	—
			1959	—	—
			1960	12,969	366
Litharge (lead monoxide)	8171	241	1956	2,104	384
<i>source:</i> Britain		241a	1957	2,299	384
United States			1958	2,375	331
			1959	2,313	326
			1960	1,253	187
*Lithium hydroxide (monohydrate)	8415	208t	1956	—	25
<i>source:</i> Britain		220a(i)	1957	—	20
United States			1958	—	30
			1959	—	45
			1960	—	90
Lithopone	8186	242	1956	4,591	348
<i>source:</i> Britain			1957	2,731	197
Netherlands			1958	2,483	180
United States			1959	1,959	138
			1960	1,787	122
*Lubricants (graphite molybdenum sulphide), n.o.p.	8415	208t	1956	—	200
<i>source:</i> United States			1957	—	200
			1958	—	340
			1959	—	370
			1960	—	350
**Lubricating oil, aviation	8415	220a(i)	1956	—	60
<i>source:</i> United States			1957	—	90
			1958	—	100
			1959	—	190
			1960	—	165
**Lubricating oil, various types, n.o.p.	7168	220a(i)	1956	—	150
<i>source:</i> United States	7185	269(i)	1957	—	150
	8415	711	1958	—	75
			1959	—	125
			1960	—	135
Lubricating oil, petroleum	7166	271(a)	1956	44,045	13,006
<i>source:</i> Britain	7167	271(b)	1957	40,678	12,962
United States			1958	34,903	10,826
			1959	40,940	11,857
			1960	41,021	12,826
Magnesite, dead-burned or sintered ; caustic calcined ; plastic magnesia	7274	296b(1)	1956	—	—
<i>source:</i> Britain	7275		1957	23,421	845
United States			1958	30,695	1,182
Yugoslavia			1959	40,226	1,505
			1960	54,058	1,942

O) New Class Established in 1960.

PRODUCT	D.B.S. CLASS	TARIFF ITEM	IMPORTS		
			Year	'000 (Lb.)	'000 (\$)
Magnesium carbonate, basic or otherwise, excepting crude rock, n.o.p.	8374	296b(2) 296c	1956 1957 1958 1959 1960	958 676 722 606 787	71 49 53 51 66
source: Britain United States					
Magnesium oxide and magnesium carbonate for the manufacture of insulating materials	7261	296c	1956 1957 1958 1959 1960	11,785 4,215 2,717 4,197 1,952	568 170 127 222 95
source: Britain United States					
Magnesium salts or compounds, n.o.p.	8375	208t 711	1956 1957 1958 1959 1960	14,511 8,693 9,965 4,471 2,603	439 351 371 336 316
source: Britain United States					
Magnesium sulphate (Epsom salts)	8376	208t 711	1956 1957 1958 1959 1960	5,228 5,116 4,905 5,443 4,867	70 71 71 71 64
source: Britain Germany, West United States					
*Manganese metal (electrolytic)	8415	208t	1956 1957 1958 1959 1960	— — — — —	70 125 95 390 210
source: United States					
Menthol, natural or synthetic	8078	264c	1956 1957 1958 1959 1960	— — — — —	143 232 237 292 253
source: Britain Brazil Germany, West Taiwan United States					
*Mercaptans	8415	208t 220a(i) 269(h)	1956 1957 1958 1959 1960	— — — — —	340 345 365 375 400
source: United States					
Metal working compounds					
*Cutting and grinding oils and coolants	7168 8415	220a(i) 269(ii) 711	1956 1957 1958 1959 1960	— — — — —	125 150 175 170 240
source: Britain United States					
^Drawing compounds	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	90 50 50 60 60
source: United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Metal working compounds continued</b>					
*Fluxes, brazing, soldering and welding	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	175 300 250 250 270
source: United States					
*Welding compounds	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	270 380 330 310 350
source: United States					
*Various, including hardening, heat treating, oxidizers and other compounds	8415	220a(i)	1956 1957 1958 1959 1960	— — — — —	100 200 200 150 150
source: United States					
*Methyl cellulose	8415 8422	208t 921	1956 1957 1958 1959 1960	— — — — —	90 180 155 195 200
source: Germany, West United States					
*Methyl chloride	8415	208t 711	1956 1957 1958 1959 1960	— — — — —	370 325 425 70 120
source: Britain United States					
*Methylene chloride	8415	208t 711	1956 1957 1958 1959 1960	— — — — —	250 250 265 70 15
source: Germany, West United States					
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	1956 1957 1958 1959 1960	4,964 5,729 4,341 2,019 2,407	616 731 539 251 292
source: United States					
*Methyl pentaldehyde	8415	208t	1956 1957 1958 1959 1960	— — — — —	— 75 55 85 75
source: United States					
Mineral, medicinal and aerated waters	9103	154 711	1956 1957 1958 1959 1960	— — — — —	303 316 408 504 620
source: France United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
**Mineral oil, white	7168	220a(i)	1956	—	40
<i>source:</i> United States	7185	269(i)	1957	—	70
	8415	269(H)	1958	—	75
	8422	711	1959	—	65
		921	1960	—	70
**Mineral seal oil	7168	269(i)	1956	—	100
<i>source:</i> United States	7185	269(H)	1957	—	100
		711	1958	—	100
			1959	—	115
			1960	—	115
*Molybdenum metal powder	8415	208t	1956	—	80
<i>source:</i> Britain		711	1957	—	35
United States			1958	—	55
			1959	—	90
			1960	—	70
Molybdenum oxide	8380	208g	1956	955	705
<i>source:</i> U.S.S.R.			1957	477	402
United States			1958	305	218
			1959	306	242
			1960	656	596
*Monochloroacetic acid	8022	216	1956	—	80
<i>source:</i> Britain		791	1957	—	165
Germany, West			1958	—	230
United States			1959	—	220
			1960	—	275
*Monoethanolamine	8415	220a(i)	1956	—	255
<i>source:</i> United States		711	1957	—	120
			1958	—	305
			1959	—	440
			1960	—	115
*Morpholine	8415	208t	1956	—	150
<i>source:</i> Germany, West			1957	—	125
United States			1958	—	180
			1959	—	240
			1960	—	280
Naphtha, including solvent naphtha	7187	269(i)	1956	15,713	3,265
<i>source:</i> United States		269(H)	1957	13,772	3,060
		590	1958	10,995	2,433
		711	1959	10,189	2,249
			1960	11,672	2,119
Naphthalene, solid	8408	208t	1956	3,023	264
<i>source:</i> Belgium-Luxembourg		711	1957	2,976	173
Britain		851	1958	8,354	324
Netherlands			1959	8,193	505
U.S.S.R.			1960	4,417	613

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
^Naphthenic acid  <i>source:</i> Britain United States	8022	208t	1956	—	30
	8415	269(h)	1957	—	75
		711	1958	—	175
			1959	—	160
			1960	—	130
*Nickel catalysts  <i>source:</i> Britain United States	8415	220a(i)	1956	—	300
		220a(ii)	1957	—	460
		711	1958	—	380
			1959	—	375
			1960	—	425
*Nickel chloride  <i>source:</i> Britain United States	8415	208t	1956	—	75
			1957	—	135
			1958	—	85
			1959	—	90
			1960	—	65
*Nitrate compounds, n.o.p., for explosives  <i>source:</i> Britain United States	8132	664a	1956	1,116	127
			1957	1,092	111
			1958	523	62
			1959	717	82
			1960	613	68
Nitrogen solution  <i>source:</i> United States	8149	663	1956	66,444	1,971
		663b	1957	66,284	1,873
			1958	51,693	1,429
			1959	43,653	1,154
			1960	41,017	1,171
Nitrogen fertilizer, n.o.p.  <i>source:</i> United States	8150	663	1956	455	13
		663a	1957	63	1
			1958	80	3
			1959	753	59
			1960	1,202	144
Ochres, ochrey earths, siennas and umbers  <i>source:</i> Britain United States	8201	245	1956	2,324	91
			1957	1,891	75
			1958	1,360	58
			1959	1,665	79
			1960	1,230	63
*Oil and gas well treating chemicals (includes crude oil treating)  <i>source:</i> United States	8415	220a(i)	1956	—	610
		262	1957	—	890
		848	1958	—	810
			1959	—	870
			1960	—	Ml,170
Oleic acid or red oil  <i>source:</i> Britain United States	2288	216	1956	150	31
		711	1957	134	26
			1958	230	39
			1959	361	63
			1960	328	56

(OIncludes drilling muds.

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Oxalic acid	8017	208q	1956	766	97
<i>source:</i> France			1957	922	111
Germany, West			1958	1,317	166
Netherlands			1959	1,601	177
United States			1960	1,202	161
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.;	8187	208k	1956	12,692	3,768
oxide of cobalt; oxide of copper;	8188	208r	1957	9,950	3,510
oxide of tin; Paris green dry	8189	246	1958	10,130	3,539
<i>source:</i> Britain	8190	246d	1959	12,452	4,428
Denmark	8194	250	1960	10,049	4,175
Germany, West					
United States					
*Paint chemicals, n.o.p. (includes anti-skinning agents)	8415	208t 220a(i)	1956	—	325
<i>source:</i> United States			1957	—	500
			1958	—	475
			1959	—	495
			1960	—	465
Paints, anti-corrosive and anti-fouling, ground and liquid, n.o.p., liquid fillers	8213	247 247b 251	1956 1957 1958	749 630 703	2,704 2,426 2,994
<i>source:</i> Britain			1959	725	3,019
Germany, West			1960	733	3,210
Paints and colours ground in spirits and all spirit varnishes and lacquers	8214	248	1956 1957 1958 1959 1960	78 <b>88</b> 94 103 128	369 436 508 600 740
<i>source:</i> Britain					
Germany, West					
United States					
Papaine	8079	153b	1956 1957 1958 1959 1960	— — — — —	65 48 43 74 72
<i>source:</i> United States					
*Peroxides, organic, n.o.p.	8415 8422	208t 220a(i) 921	1956 1957 1958 1959 1960	— — — — —	50 150 175 200 275
Petroleum and lubricating greases, n.o.p.	7181	272a	1956 1957 1958 1959 1960	18,225 17,607 15,591 16,610 16,511	2,098 2,043 1,944 2,138 2,184
<i>source:</i> Britain					
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Petroleum jellies and oils for toilet, medicinal and similar purposes	7182	272	1956	—	674
source: United States			1957	—	767
			1958	—	753
			1959	—	835
			1960	—	817
*para-Phenetidine	8415	208t	1956	—	130
source: Germany, West United States			1957	—	100
			1958	—	245
			1959	—	250
			1960	—	220
%					
J *Phenothiazine, its derivatives and their salts	8074	208t	1956	—	170
	8075	220(i)	1957	—	460
	8415	220(ii)	1958	—	475
		220a(i)	1959	—	415
			1960	—	400
*Phenylbutazone	8074	208t	1956	—	180
	8415	220(i)	1957	—	200
		220a(i)	1958	—	205
			1959	—	390
			1960	—	525
*Phenylephrine hydrochloride	8074	208t	1956	—	—
	8075	220(i)	1957	—	25
	8415	220(ii)	1958	—	30
		220a(i)	1959	—	70
			1960	—	75
4 Phosphate fertilizer, superphosphate, n.o.p.	8162	663	1956	367,982	3,421
		663b	1957	327,492	3,131
			1958	346,914	3,292
			1959	284,285	2,606
			1960	239,378	2,178
J Phosphate fertilizer, triple superphosphate	8161	663	1956	76,975	1,741
		663b	1957	90,761	2,004
			1958	88,496	2,020
			1959	128,656	2,885
			1960	166,284	3,926
*Phosphate fertilizers, n.o.p.	8163	663b	1956	3,528	138
			1957	5,660	205
			1958	6,650	235
			1959	7,971	273
			1960	12,487	236
Phosphate rock	7263	662	1956	1,255,296	5,186
		663(i)	1957	1,446,440	5,898
			1958	1,488,327	6,854
			1959	1,594,125	7,468
			1960	1,883,996	8,320

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Phosphorus and compounds, n.o.p.	8378	208p	1956	230	37
<i>source:</i> United States			1957	238	40
			1958	270	39
			1959	456	55
			1960	705	96
*Photographic chemicals (includes lithographic reproduction and x-ray)	8415	208t 220a(i)	1956	—	860
<i>source:</i> Britain United States			1957	—	1,025
			1958	—	1,250
			1959	—	1,550
			1960	—	2,000
Phthalic anhydride	8416	923	1956	5,153	897
<i>source:</i> Britain Belgium-Luxembourg France Germany, West Italy United States			1957	7,227	1,104
			1958	6,664	985
			1959	7,248	972
			1960	7,660	1,428
Plastic products, laminated, moulded, n.o.p., having synthetic resins or cellulose plastics as the chief bonding (impregnating) agents	8650 8930	916	1956	—	991
<i>source:</i> Britain United States			1957	—	1,065
			1958	—	949
			1959	—	1,175
			1960	—	1,369
Plastic sheets or plates, synthetic resin or cellulose plastic for the production of printers' engravings	8670	660a	1956	—	139
<i>source:</i> Germany, West Netherlands United States			1957	—	114
			1958	—	156
			1959	—	149
			1960	—	125
Plasticizers					
**Benzoic acid derivatives	8422	921	1956	—	—
<i>source:</i> United States			1957	—	50
			1958	—	120
			1959	—	180
			1960	—	225
*para-tert-Butyl phenol	8422	921	1956	—	80
<i>source:</i> United States			1957	—	50
			1958	—	30
			1959	—	35
			1960	—	85
*Butyl stearate	8422	921	1956	—	100
<i>source:</i> United States			1957	—	125
			1958	—	105
			1959	—	70
			1960	—	70
**Ester types (polyesters)	8422	921	1956	—	50
<i>source:</i> United States			1957	—	100
			1958	—	125
			1959	—	175
			1960	—	155

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	'000 (\$)
<b>Plasticizers: <i>continued</i></b>					
**Hydrocarbon and paraffin derivatives	8422	921	1956	—	45
source: Britain			1957	—	65
United States			1958	—	75
			1959	—	220
			1960	—	300
**Phosphoric acid derivatives (except tricresyl phosphate)	8422	921	1956	—	250
source: Britain			1957	—	250
United States			1958	—	200
			1959	—	285
			1960	—	295
*					
**Phthalic acid derivatives	8422	921	1956	—	1,075
source: Britain			1957	—	925
United States			1958	—	1,065
			1959	—	1,270
			1960	—	910
**Sebacic acid derivatives	8422	921	1956	—	5
source: United States			1957	—	25
			1958	—	50
			1959	—	85
			1960	—	90
**Tall oil types	8422	921	1956	—	40
source: United States			1957	—	140
			1958	—	85
			1959	—	115
			1960	—	45
**Various types (includes blends and types not otherwise identified)	8422	921	1956	—	400
source: Britain			1957	—	450
United States			1958	—	300
			1959	—	500
			1960	—	500
\ Polish or composition, knife or other, n.o.p.					
	8413	252	1956	—	456
		ex. 252	1957	—	493
		ex. 711	1958	—	599
source: Britain			1959	—	594
Germany, West			1960	—	744
United States					
*Polyethylene glycols	8415	208t 220a(i)	1956	—	100
source: United States			1957	—	105
			1958	—	140
			1959	—	115
			1960	—	175
/ Potash, muriate of (potassium chloride)					
	8155	209	1956	262,587	3,239
source: France			1957	273,291	3,406
Germany, West			1958	262,610	3,090
Spain			1959	190,599	2,282
U.S.S.R.			1960	293,370	3,382
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Potash, sulphate of (potassium sulphate)	8156	209	1956	32,304	584
source: France			1957	35,443	610
Germany, West			1958	31,078	556
United States			1959	49,484	815
			1960	47,888	826
Potassium bitartrate (cream of tartar)	8322	2080	1956	319	84
source: Britain		208t	1957	276	71
Italy		711	1958	299	76
		851	1959	380	100
			1960	311	86
Potassium bichromate (dichromate)	8326	209c	1956	341	55
source: Britain			1957	314	52
United States			1958	274	45
			1959	264	43
			1960	259	45
Potassium carbonate (potash, pearl ash)	8323	209a(1)	1956	518	44
source: Britain		209a(2)	1957	588	50
United States			1958	730	62
			1959	911	77
			1960	944	80
Potassium hydroxide	8327	209a(1)	1956	5,884	332
source: France		209a(2)	1957	7,302	350
Germany, West			1958	8,838	460
United States			1959	8,486	428
			1960	8,819	450
Potassium nitrate (saltpetre)	8331	209	1956	1,091	61
source: Britain			1957	1,046	57
Germany, West			1958	1,359	82
United States			1959	1,483	104
			1960	1,483	108
**Potassium permanganate	8332	208t	1956	—	25
source: Britain			1957	—	60
United States			1958	—	15
			1959	—	60
			1960	—	60
**Potassium pyrophosphate	8332	208t	1956	—	—
source: United States			1957	—	120
			1958	—	290
			1959	—	380
			1960	—	340
**Potassium silicate	8332	208t	1956	—	100
source: Britain			1957	—	90
United States			1958	—	130
			1959	—	110
			1960	—	150

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Propylene glycol</b>	8415	711	1956	—	60
source: United States			1957	—	40
			1958	—	75
			1959	—	120
			1960	—	190
<b>*Propylene glycol alginate</b>	8415	208t	1956	—	—
source: United States			1957	—	15
			1958	—	90
			1959	—	145
			1960	—	105
<b>Putty</b>	8202	253	1956	786	127
source: Britain			1957	839	129
United States			1958	1,081	162
			1959	998	165
			1960	633	142
<b>Quebracho extract</b>	8111	203	1956	9,130	1,057
source: Argentine			1957	6,278	625
Paraguay			1958	7,324	668
United States			1959	7,493	692
			1960	6,010	478
<b>Radium and compounds</b>	8379	333	1956	—	302
source: Britain			1957	—	1,334
United States			1958	—	528
			1959	—	384
			1960	—	302
<b>*Rauwolfia serpentina and preparations</b>	8074	208t	1956	—	215
source: Germany, West	8415	220(i)	1957	—	115
Switzerland		220a(i)	1958	—	105
United States		711	1959	—	75
			1960	—	40
<b>^Reagents, diagnostic</b>	8074	220(i)	1956	—	200
source: United States	8415	220a(i)	1957	—	90
			1958	—	85
			1959	—	125
			1960	—	155
<b>*Resorcinol</b>	8415	4208t	1956	—	205
source: Britain	8422	921	1957	—	160
Germany, West			1958	—	165
United States			1959	—	165
			1960	—	210
<b>Rosin, rosin sizing</b>	1580	39e	1956	49,036	3,795
source: United States	1581	584	1957	48,152	3,776
			1958	50,486	4,214
			1959	47,025	3,999
			1960	44,302	5,090

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	'000 (\$)
<b>Rubber accelerators</b>					
**Dithiocarbamates	8415	208t 711	1956 1957 1958 1959 1960	— — — — —	115 160 100 100 125
source: United States					
**Guanidine types	8415	208t	1956 1957 1958 1959 1960	— — — — —	270 260 200 240 235
source: Britain United States					
**Thiazole types	8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	835 815 605 660 585
source: Britain United States					
**Thiuram sulphides	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	75 75 60 90 65
source: United States					
**Various types (includes those not otherwise identified)	8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	45 125 115 165 245
source: Britain United States					
<b>Rubber antioxidants</b>					
**Alkylated diphenylamines	8415	208t 851	1956 1957 1958 1959 1960	— — — — —	130 190 210 140 230
source: United States					
**Blends	8415	208t 220a(i) 711 851	1956 1957 1958 1959 1960	— — — — —	400 260 80 80 180
source: Britain United States					
**Butyl cresol sulphide	8415	208t	1956 1957 1958 1959 1960	— — — — —	50 85 <b>110</b> 50 75
source: Britain United States					
**Phenyl-alpha-naphthylamine	8415	208t 711	1956 1957 1958 1959 1960	— — — — —	40 50 50 55 35
source: Britain Germany, West United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Rubber antioxidants: continued</b>					
<b>**Phenyl-beta naphthylamine</b>	8415	208t 711	1956 1957 1958 1959 1960	— — — — —	130 50 30 50 50
<i>source:</i> Britain United States					
<b>**Styrenated Phenol type</b>	8415	208t 851	1956 1957 1958 1959 1960	— — — — —	35 40 60 135 170
<i>source:</i> Britain United States					
<b>**Various types (includes those not otherwise identified)</b>	8415	208t 711	1956 1957 1958 1959 1960	— — — — —	365 510 470 720 710
<i>source:</i> Britain United States					
<b>**Rubber plasticizers (includes processing oil)</b>	7168 7185 8415	208t 269c 851	1956 1957 1958 1959 1960	— — — — —	280 390 360 300 570
<i>source:</i> United States					
<b>**Rubber processing chemicals, n.o.p.</b>	8415	208t 220a(i) 711 851	- 1956 1957 1958 1959 1960	— — — — —	135 390 315 365 400
<i>source:</i> Britain United States					
<b>*Rust and corrosion inhibitors</b>	8415	208t 220a(i)	1956 1957 1958 1959 1960	— — — — —	340 285 360 315 395
<i>source:</i> Britain United States					
<b>*Saccharin and sodium saccharin</b>	8415 8074	208t 220(i)	1956 1957 1958 1959 1960	— — — — —	50 65 45 70 65
<i>source:</i> Denmark Germany, West Sweden Switzerland United States					
<b>*Sedatives and tranquilizers, other</b>	8074 8075 8415	208t 220(i) 220(ii) 220a(i)	1956 1957 1958 1959 1960	— — — — —	370 315 240 285 250
<i>source:</i> Britain Switzerland United States					
<b>*Silica, colloidal</b>	8415	208t	1956 1957 1958 1959 1960	— — — — —	85 100 100 160 205
<i>source:</i> United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
*Silica gel (includes silica aerogel)	8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	260 290 265 290 335
source: Britain United States					
*Silicones	8415 8422	220a(i) 921	1956 1957 1958 1959 1960	— — — — —	355 435 670 740 630
source: United States					
Sizing preparations, n.o.p.	1846	220a(i) 711	1956 1957 1958 1959 1960	862 <b>1,212</b> 1,301 1,934 2,216	114 151 184 258 278
source: United States					
Soap					
Common or laundry	8232	229	1956 1957 1958 1959 1960	1,076 1,027 841 756 553	152 145 123 107 87
source: United States					
Liquid	8234	228(ii)	1956 1957 1958 1959 1960	1,409 2,031 3,932 7,183 1,811	332 427 902 1,700 396
source: United States					
Powders or flakes	8235	228(ii) 229	1956 1957 1958 1959 1960	6,527 5,647 3,603 4,365 6,646	957 861 562 676 961
source: United States					
Toilet	8236	228(i) 230	1956 1957 1958 1959 1960	— — — — —	292 669 871 528 499
source: Britain United States					
n.o.p.	8238	227 228(ii)	1956 1957 1958 1959 1960	— — — — —	218 177 212 182 200
source: Britain United States					
Soda ash or barilla	8345	208t 210b(i) 711	1956 1957 1958 1959 1960	269,633 182,944 67,032 66,580 89,099	4,002 2,927 1,061 1,035 1,290
source: Britain United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Soda, caustic <i>source:</i> United States	8350	210a(1)	1956	264,936	4,233
		210a(2)	1957	196,965	2,979
		210c	1958	115,471	1,906
	8352		1959	137,113	2,103
			1960	160,606	2,279
Soda nitrate or cubic nitre <i>source:</i> Chile United States	8157	210e	1956	55,059	1,208
			1957	51,196	1,085
			1958	45,456	1,011
			1959	43,368	880
			1960	36,566	810
*Sodium aluminate <i>source:</i> Britain Germany, West United States	8366	208t 711	1956	—	40
			1957	—	55
			1958	—	120
			1959	—	120
			1960	—	170
*Sodium para-amino salicylate <i>source:</i> Britain France Germany, West Sweden Switzerland United States	8074 8366	208t 220(i)	1956	—	95
			1957	—	85
			1958	—	110
			1959	—	80
			1960	—	70
Sodium bicarbonate <i>source:</i> Britain United States	8346	207	1956	16,273	357
			1957	15,064	343
			1958	14,959	352
			1959	16,997	399
			1960	16,659	399
Sodium bichromate <i>source:</i> Britain Germany, West United States	8347	210 851	1956	6,013	713
			1957	6,187	727
			1958	6,256	730
			1959	6,560	761
			1960	7,729	854
Sodium bisulphate <i>source:</i> United States	8348	208b	1956	2,929	66
			1957	3,656	84
			1958	4,286	87
			1959	4,558	92
			1960	4,253	86
Sodium bisulphite <i>source:</i> Britain Germany, West United States	8349	210 851	1956	806	39
			1957	793	37
			1958	1,384	72
			1959	2,036	99
			1960	2,223	104
*Sodium bromate <i>source:</i> Britain Netherlands United States	8366	208t	1956	—	60
			1957	—	75
			1958	—	70
			1959	—	90
			1960	—	75

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	'000 (\$)
*Sodium carboxymethyl cellulose	8366	220a(i) 711 848	1956 1957 1958 1959 1960	— — — — —	25 140 145 170 450
source: Sweden United States					
*Sodium chlorite	8366	208t	1956 1957 1958 1959 1960	— — — — —	50 55 55 70 85
source: Britain Germany, West United States					
Sodium cyanide	8354	208 851	1956 1957 1958 1959 1960	8,501 8,285 8,393 9,260 7,841	1,113 1,066 <b>1,111</b> 1,235 1,052
source: Britain Germany, West United States					
Sodium fluoride	8369	208t 711 791	1956 1957 1958 1959 1960	803 640 409 563 627	94 78 52 67 74
source: Britain United States					
*Sodium gluconate	8366	208t	1956 1957 1958 1959 1960	— — — — —	30 35 40 80 <b>100</b>
source: Britain United States					
Sodium glutamate	8355	208t 220a(i) 711	1956 1957 1958 1959 1960	354 462 652 639 1,320	411 505 661 604 1,120
source: France Italy Netherlands United States					
*Sodium hydrosulphide	8366	208t	1956 1957 1958 1959 1960	— — — — —	<b>110</b> 175 125 125 105
source: Britain United States					
*Sodium molybdate	8366	208t	1956 1957 1958 1959 1960	— — — — —	50 60 60 60 75
source: Britain Germany, West United States					
Sodium nitrite	8357	210 851	1956 1957 1958 1959 1960	1,281 1,162 1,483 1,628 1,625	51 51 60 71 68
source: Britain Germany, West United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
*Sodium perborate (tetrahydrate)	8366	208t	1956	—	135
source:	Britain		1957	—	130
	Germany, West		1958	—	125
	Netherlands		1959	—	95
	United States		1960	—	100
Sodium peroxide	8358	210	1956	1,063	156
source:	Britain	851	1957	871	131
	United States		1958	613	93
			1959	856	138
			1960	514	80
Sodium phosphate, tribasic	8368	208t	1956	940	48
source:	Britain	711	1957	798	41
	France		1958	1,913	113
	United States		1959	3,074	185
			1960	2,561	159
Sodium phosphates, n.o.p.	8359	208t	1956	4,811	500
source:	Britain	711	1957	6,686	662
	Germany, West	729	1958	5,165	647
	Australia		1959	6,840	824
	United States		1960	7,315	885
*Sodium propionate	8366	219a(ii)	1956	—	60
source:	United States		1957	—	65
			1958	—	75
			1959	—	80
			1960	—	115
Sodium prussiate	8360	210	1956	644	69
source:	Britain	851	1957	684	73
	Belgium-Luxembourg		1958	566	61
	Germany, West		1959	588	64
	United States		1960	624	69
*Sodium salicylate	8366	208t	1956	—	85
source:	Britain	220(i)	1957	—	90
	France		1958	—	105
	United States		1959	—	80
			1960	—	35
*Sodium sesquicarbonate	8366	208t	1956	—	150
source:	United States		1957	—	175
			1958	—	185
			1959	—	190
			1960	—	120
Sodium silicate (in crystals or in water solution)	8362	210	1956	6,038	247
source:	Britain	851	1957	7,233	321
	France		1958	7,489	348
	United States		1959	9,946	435
			1960	10,320	465

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Sodium sulphate, crude or salt cake	8363	210d	1956	60,638	559
<i>source:</i> Britain			1957	56,176	511
United States			1958	51,625	478
			1959	54,314	511
			1960	49,412	472
Sodium sulphide	8364	210	1956	3,897	191
<i>source:</i> Britain		851	1957	3,329	164
United States			1958	2,355	125
			1959	2,602	136
			1960	2,602	139
Sodium sulphite	8365	210	1956	6,693	155
<i>source:</i> Britain		851	1957	9,609	238
Germany, West			1958	9,046	206
United States			1959	15,992	365
			1960	14,531	312
*Sorbitol solution	8415	208t	1956	—	220
<i>source:</i> France		220a(i)	1957	—	220
United States			1958	—	250
			1959	—	320
			1960	—	340
				'000 (Gal.)	
Spirits and strong waters, medicinal	8081	150	1956	21	196
wines, fortified fruit juices		151	1957	23	184
<i>source:</i> Britain		159a	1958	26	245
Belgium-Luxembourg		162c	1959	25	208
Hong Kong			1960	22	202
				'000 (Lb.)	
*Stabilizers, food and beverage	8415	220a(i)	1956	—	30
<i>source:</i> United States		711	1957	—	95
			1958	—	35
			1959	—	50
			1960	—	60
^Stabilizers, vinyl resin	8422	921	1956	—	450
<i>source:</i> United States			1957	—	500
			1958	—	550
			1959	—	650
			1960	—	675
Stains and oxides for manufacture	8215	246b	1956	373	386
of vitreous enamels and pottery		246c	1957	352	342
glazes: finely divided metals for			1958	564	488
the manufacture of glassware			1959	733	509
<i>source:</i> Britain			1960	530	414
United States					
Starch, including corn starch, and	1828	39(ii)	1956	10,258	975
all preparations having the			1957	11,748	1,096
quality of starch, n.o.p.			1958	11,039	1,158
<i>source:</i> Germany, West			1959	15,651	1,658
Netherlands			1960	16,846	1,851
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>*Starting fluid</b>	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	40 60 60 130 90
<i>source:</i> United States					
<b>Stearic acid</b>	2289	215 215a 216	1956 1957 1958 1959 1960	849 906 2,126 1,338 1,518	134 136 285 172 192
<i>source:</i> Australia United States					
<b>*Sulphamic acid</b>	8022	216	1956 1957 1958 1959 1960	— — — — —	30 40 50 80 90
<i>source:</i> United States					
<b>*Sulphonamides, their salts and derivatives</b>	8074 8075 8085 8415	208t 2082 220(i) ex. 220(i) 220(ii) 711 857	1956 1957 1958 1959 1960	— — — — —	640 595 800 1,335 875
<i>source:</i> Britain Denmark Netherlands Switzerland United States					
<b>Sulphur and brimstone, crude or in roll or flour</b>	7300	208 851	1956 1957 1958 1959 1960	948,233 833,859 750,662 664,860 657,531	11,858 9,752 8,324 6,925 6,629
<i>source:</i> United States					
<b>*Sulphur, insoluble</b>	8415	208t 220a(i)	1956 1957 1958 1959 1960	— — — — —	70 70 95 105 100
<i>source:</i> United States					
<b>Sulphuric acid</b>	8008	217 217a 851	1956 1957 1958 1959 1960	4,110 2,093 78,689 36,978 19,053	55 35 827 321 145
<i>source:</i> United States					
<b>Sulphuric ether and preparations of vinyl ether</b>	8411	219d(2)	1956 1957 1958 1959 1960	849 490 432 639 561	132 98 104 121 117
<i>source:</i> United States					
<b>Synthetic casings for meat</b>	8423	711 905e(2)	1956 1957 1958 1959 1960	302 329 314 312 365	423 434 431 507 544
<i>source:</i> Germany, West United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Synthetic resin, raw materials, n.o.p. (chemicals for the manufacture of synthetic resins)	8410	923	1956	1,095	373
source: France			1957	829	209
Germany, West			1958	1,218	332
United States			1959	1,950	644
			1960	4,519	1,895
Synthetic resins without admixture	8750	901a	1956	—	17,731
source: Britain		1 to 9	1957	—	18,540
France		901d(1)	1958	—	19,613
Germany, West		901d(2)	1959	—	19,947
Italy			1960	—	22,382
Norway					
Japan					
United States					
Synthetic resins in solutions or solvents	8770	901b	1956	—	4,313
source: Britain		1 to 8	1957	—	4,777
Germany, West		901c	1958	—	5,816
Switzerland		1 to 5	1959	—	6,259
Japan		925	1960	—	6,321
United States					
Synthetic resins compounded with other materials for moulding, casting or extruding, including uncured preforms or blanks for compressed moulding	8800	902a	1956	—	4,583
source: Britain		902b	1957	—	4,401
Germany, West		902c	1958	—	5,989
United States		902d	1959	—	8,248
		902e	1960	—	7,319
		902f			
Synthetic resins, foamed and expanded, in logs, sheets, blocks, boards, flakes, granules or powder	8830	907	1956	—	605
source: Germany, West			1957	—	928
United States			1958	—	1,736
			1959	—	967
			1960	—	1,000
Synthetic resin compositions, n.o.p.	8850	904	1956	—	1,699
source: Germany, West		904a	1957	—	2,091
United States			1958	—	2,212
			1959	—	2,586
			1960	—	2,719
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	1956	—	9,546
source: Britain		906a to e	1957	—	9,580
Germany, West		919	1958	—	9,736
Japan			1959	—	10,634
Netherlands			1960	—	11,821
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Synthetic resin plates sheets, strip, tubing, blocks, bars, rods in which is incorporated a layer of paper, fibreboard or textile fabric, or a core of fibres whether matted or otherwise arranged, n.o.p.	8900	917b	1956	—	1,538
			1957	—	1,964
			1958	—	2,209
			1959	—	3,266
			1960	—	3,660
source: Britain Belgium-Luxembourg Germany, West Japan United States					
Synthetic resin or protein plastic manufactures, n.o.p.	8950	216g 326q 654a	1956 1957 1958	—	14,621 16,146 20,313
source: Belgium-Luxembourg Britain Denmark France Germany, West Hong Kong Italy Japan Netherlands United States		711 908 920	1959 1960	— —	23,690 27,311
Tall oil, tall oil pitch, tall oil fatty acid	1584 (08022	585a O) 216	1956 1957 1958 1959 1960	8,264 8,901 O) 8,327 O) 9,174 13,060	498 437 (D499 O) 528 566
source: United States					
*Tanner's grease and oil	7168 8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	150 **170 **160 165 155
source: United States					
Tannic acid	8020	208 851	1956 1957 1958 1959 1960	56 44 118 82 39	48 52 94 90 46
source: Britain Belgium-Luxembourg France Germany, West United States					
Tartaric acid	8021	208o 711	1956 1957 1958 1959 1960	758 727 666 826 952	249 240 230 295 340
source: Britain Germany, West Italy					
*Textile chemicals, various	8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	300 300 285 315 310
source: Britain Germany, West United States					

O) Estimate from Class 8022 added to Class 1584 for 1958 and 1959.

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Titanium oxide and white pigments containing not less than 14% by weight of titanium dioxide</b>	8181	242	1956	75,745	12,598
			1957	68,470	10,783
			1958	58,878	8,465
			1959	61,196	8,877
source : Britain Belgium-Luxembourg Italy Czechoslovakia United States			1960	53,793	7,648
<b>Toilet preparations, perfumes and cosmetics</b>	8221	160a	1956	—	1,809
	8222	160b	1957	—	1,831
source : Britain France Germany, West United States	8224	161a 16lb(1 & 2) 233 234	1958 1959 1960	— — —	2,046 2,287 2,705
<b>*Toilet preparation materials for use in the manufacture of cosmetics, perfumes and other toilet preparations</b>	8415	208t 220a(i) 711	1956 1957 1958 1959 1960	— — — — —	320 275 310 380 400
source : Britain United States					
<b>*Toluene (toluol)</b>	7185	269(i) 269(ii)	1956 1957 1958 1959 1960	— — — — —	150 **165 **140 550 275
source : United States					
<b>*Tolylene diisocyanate</b>	8415	208t	1956	—	50
source : United States	8422	921	1957 1958 1959 1960	— — — —	50 150 350 800
<b>*Triacetin</b>	8415	208t	1956 1957 1958 1959 1960	— — — — —	35 70 130 160 165
source : Switzerland United States					
<b>*Trichloroethylene</b>	8415	220a(i) 711	1956 1957 1958 1959 1960	— — — — —	75 65 110 140 210
source : Britain France Germany, West Netherlands Sweden United States					
<b>*Trieresyl phosphate</b>	8415	208t	1956	—	190
source : Britain United States	8422	921	1957 1958 1959 1960	— — — —	165 245 185 300

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	'000 (\$)
<b>Tungsten carbide (encased in metal tubes)</b>	8425	829	1956	—	137
source: United States			1957	—	111
			1958	—	87
			1959	—	107
			1960	—	150
				'000 (Gal.)	
<b>Turpentine, spirits of</b>	1835	261	1956	1,304	881
source: Mexico			1957	1,283	904
China, Communist			1958	1,340	909
United States			1959	1,095	779
			1960	1,141	794
				'000 (Lb.)	
<b>Ultramarine blue, dry or in pulp</b>	8192	240	1956	486	110
source: Britain			1957	410	92
United States			1958	470	105
			1959	535	116
			1960	412	86
				'000 (Gal.)	
<b>*Urea</b>	8415	208t	1956	—	650
source: Britain	8422	711	1957	—	475
Germany, West		921	1958	—	655
Japan			1959	—	590
Norway			1960	—	275
United States					
				'000 (Gal.)	
<b>Varnishes, lacquers, japans, japan driers and oil finish, n.o.p.</b>	8216	249	1956	330	845
source: Britain			1957	298	835
United States			1958	304	965
			1959	287	993
			1960	299	1,110
				'000 (Lb.)	
<b>*Veterinary medicines and products, n.o.p.</b>	8074	220(i)	1956	—	300
source: Britain	8075	220(ii)	1957	—	320
France	8415	220a(i)	1958	—	355
United States		711	1959	—	295
			1960	—	300
<b>Vitamins and vitamin products</b>					
<b>*Vitamin A</b>	8074	208t	1956	—	95
source: United States	8075	220(i)	1957	—	125
	8415	220(ii)	1958	—	205
		220a(i)	1959	—	240
			1960	—	360
<b>*Vitamin A acetate</b>	8415	208t	1956	—	85
source: United States		220a(i)	1957	—	125
			1958	—	140
			1959	—	160
			1960	—	120
<b>*Vitamin A palmitate</b>	8415	208t	1956	—	215
source: United States		220a(i)	1957	—	305
			1958	—	350
			1959	—	355
			1960	—	505

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Vitamin and vitamin products: cont.</b>					
<b>*Vitamin A and D combinations</b>	8074	220(i)	1956	—	55
source: Denmark	8415	220a(i)	1957	—	85
United States		711	1958	—	170
			1959	—	200
			1960	—	140
<b>*Vitamin B<sub>X</sub> —</b>	8074	208t	1956	—	45
<b>Thiamine hydrochloride</b>	8075	220(i)	1957	—	50
source: United States	8415	220(ii)	1958	—	55
			1959	—	40
			1960	—	40
<b>*Vitamin B<sub>X</sub></b>	8415	208t	1956	—	160
<b>Thiamine mononitrate</b>		220a(i)	1957	—	150
source: Switzerland		711	1958	—	85
United States			1959	—	105
			1960	—	125
<b>Vitamin B<sub>2</sub> —</b>	8432	208t	1956	—	439
<b>Riboflavin</b>		219f	1957	—	337
source: Switzerland			1958	—	371
United States			1959	—	396
			1960	—	335
<b>*Vitamin B<sub>6</sub> —</b>	8074	208t	1956	—	150
<b>Pyridoxine hydrochloride</b>	8075	220(i)	1957	—	185
source: Germany, West	8415	220(ii)	1958	—	125
United States			1959	—	50
			1960	—	20
<b>*Vitamin B<sub>12</sub> —</b>	8074	208t	1956	—	350
source: Britain	8075	220(i)	1957	—	600
Denmark	8415	220(ii)	1958	—	300
Germany, West		220a(i)	1959	—	135
United States		237	1960	—	125
		711			
<b>*Vitamin B complex:</b>	8022	216	1956	—	55
<b>Folic acid</b>	8074	220(i)	1957	—	80
source: Germany, West			1958	—	55
Japan			1959	—	50
United States			1960	—	20
<b>Vitamin B complex:</b>	8010	216	1956	79	159
<b>Niacin (nicotinic acid)</b>		216i	1957	45	99
source: Britain		711	1958	20	49
Denmark			1959	53	92
France			1960	71	98
United States					
<b>*Vitamin B complex:</b>	8415	208t	1956	—	115
<b>Niacinamide (nicotinamide)</b>		220a(i)	1957	—	150
source: Denmark		711	1958	—	160
France			1959	—	140
Germany, West			1960	—	115
Sweden					
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
<b>Vitamin and vitamin products: cont.</b>					
*Vitamin B complex:	8074	208t	1956	—	70
pantothenic acid, pantothenol	8075	220(i)	1957	—	50
and its salts	8319	220(ii)	1958	—	80
source: Denmark	8366	220a(i)	1959	—	105
Germany, West	8415	711	1960	—	100
*Vitamin B complex:	8074	208t	1956	—	100
not further identified	8075	220(i)	1957	—	125
source: United States	8415	220(ii)	1958	—	150
		711	1959	—	185
			1960	—	170
*Vitamin C —	8022	208t	1956	—	353
Ascorbic acid, isoascorbic acid,	8024	216	1957	—	409
and their salts	8074	220(i)	1958	—	526
source: Switzerland	8075	220(ii)	1959	—	611
France	8366	711	1960	—	877
Denmark	8415				
United States					
*Vitamin D <sub>2</sub> and D <sub>3</sub>	8415	208t	1956	—	100
source: Britain		220a(i)	1957	—	105
Netherlands		711	1958	—	100
Switzerland			1959	—	90
United States			1960	—	90
*Vitamin E (D-alpha-tocopherol	8074	208t	1956	—	215
acetate and succinate,	8415	220(i)	1957	—	340
mixed tocopherols)		220a(i)	1958	—	350
source: Britain		711	1959	—	262
Denmark			1960	—	210
United States					
*Vitamin K	8074	208t	1956	—	50
(4-amino-2-methyl-1-naphthol	8075	220(i)	1957	—	50
hydrochloride; 2-methyl-	8415	220(ii)	1958	—	60
3-phytyl-1,4-naphthoquinone;			1959	—	70
menadione diphosphate-			1960	—	70
tetrasodium salt)					
source: Switzerland					
United States					
*Vitamin products	8074	208t	1956	—	450
combinations, n.o.p.	8075	220(i)	1957	—	550
source: Britain	8415	220(H)	1958	—	550
United States		220a(i)	1959	—	500
			1960	—	540
Wattle extract	8119	203	1956	2,610	226
source: Britain			1957	1,707	131
Africa			1958	1,637	119
United States			1959	1,646	115
			1960	1,742	115
Wax, vegetable and mineral, n.o.p.	9270	225	1956	2,942	1,886
source: Britain		225a	1957	2,654	1,868
Germany, West		225b	1958	2,555	1,765
Brazil		225c	1959	2,050	1,398
Mexico			1960	1,944	1,282
United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS	
				'000 (Lb.)	'000 (\$)
Wax and manufactures of wax, n.o.p.	9271	15a 224 711 ex. 711	1956 1957 1958 1959 1960	— — — — —	422 375 412 419 446
<i>source:</i> Britain Germany, West Switzerland Union of South Africa United States					
Weed-killing preparations or chemicals (includes 2,4-D)	8069	219a(i) 219a(ii) 791	1956 1957 1958 1959 1960	— — — — —	2,888 3,407 3,121 2,830 4,694
Xanthates for ores	8016	208u	1956 1957 1958 1959 1960	6,775 6,658 5,433 4,727 5,186	1,639 1,700 1,409 1,209 1,369
<i>source:</i> Germany, West United States					
*X-ray contrast media	8074	208t	1956	—	150
<i>source:</i> Britain Germany, West United States	8075 8366 8415	220(i) 220(ii)	1957 1958 1959 1960	— — — —	155 175 130 130
*Xylene (xylol)	7185	269(i) 269(ii)	1956 1957 1958 1959 1960	— — — — —	115 **360 **185 235 415
<i>source:</i> United States					
Yeast, dead or inactive	8433	208t 219g 711	1956 1957 1958 1959 1960	392 524 319 346 413	118 131 109 115 137
<i>source:</i> United States					
*Zeolites	8366	208t	1956	—	50
<i>source:</i> United States	8415	220a(i)	1957 1958 1959 1960	— — — —	75 100 140 150
*Zinc cyanide	8415	208t	1956 1957 1958 1959 1960	— — — — —	45 40 35 50 55
<i>source:</i> Britain Germany, West United States					
*Zinc sulphate	8279	208s	1956 1957 1958 1959 1960	2,378 3,063 1,973 2,041 1,771	117 139 90 85 75
<i>source:</i> Britain Belgium-Luxembourg Germany, West United States					

PRODUCT	D.B.S. CLASS	TARIFF ITEM	Year	IMPORTS '000 (Lb.)	IMPORTS '000 (\$)
Zinc white oxide	8193	242	1956	1,258	175
source: Britain			1957	1,435	197
United States			1958	1,391	186
			1959	1,447	184
			1960	1,518	201
Zirconium silicate	7015	295a	1956	—	194
source: United States			1957	—	362
			1958	—	148
			1959	—	151
			1960	—	162



*Horton spheres glowing against the night sky are a familiar sight in Canadian chemical centres*

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## Imports of Chemicals and Allied Products by Country

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

SOURCE: D.B.S. — Trade of Canada, Vol. I

## Imports of Chemical and Allied Products by Sub-Group

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

SOURCE: D.B.S. — Trade of Canada, Vol. I

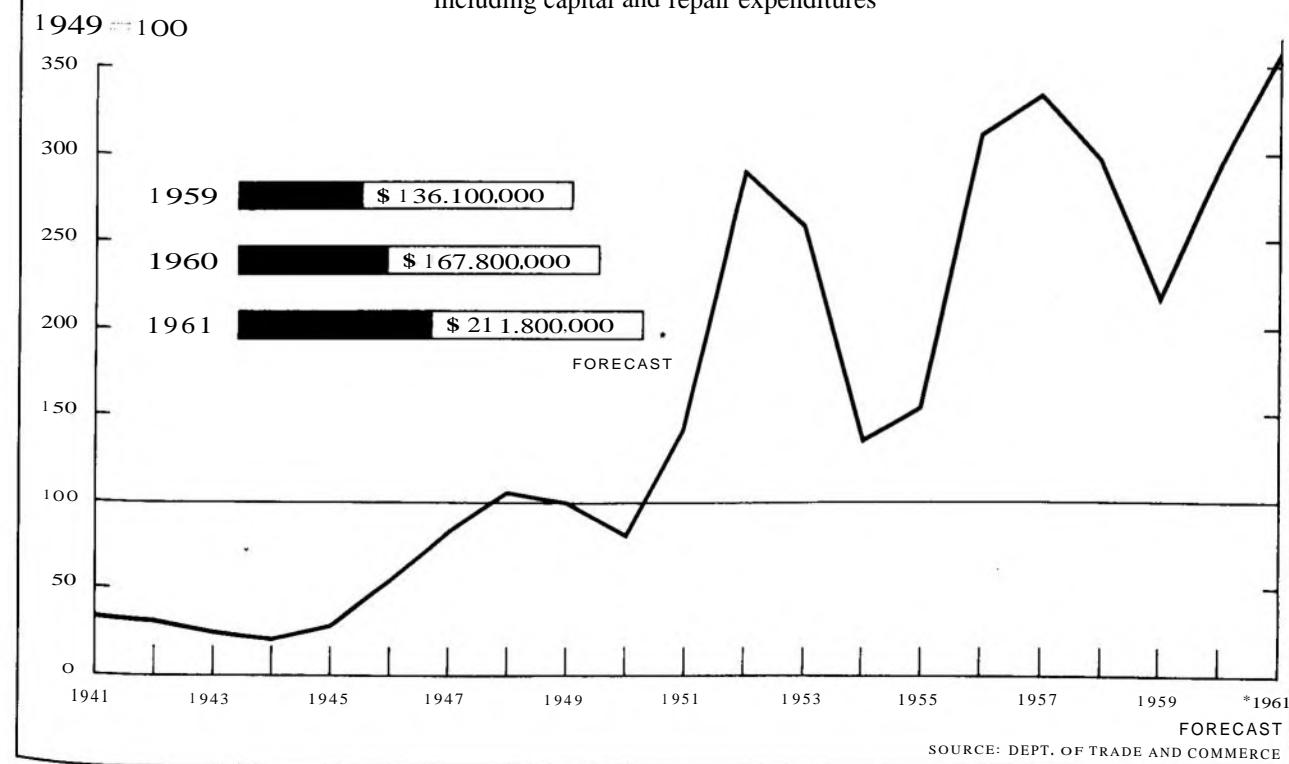
**NEW INVESTMENT IN THE CHEMICAL INDUSTRY — 1956 - 1961**  
 including capital and repair expenditures (millions of dollars)

	Capital Expenditures		Repair Expenditures		Grand Total
	Construction	Machinery and Equipment	Sub-Total	Sub-Total	
1956	57.9	87.0	144.9	38.1	183.0
1957	65.6	84.1	149.7	47.7	197.4
1958	43.1	73.5	116.6	51.1	167.7
1959	24.5	56.5	81.0	55.1	136.1
1960 <sup>(1)</sup>	33.9	76.4	110.3	57.5	167.8
1961 <sup>(2)</sup>	43.4	112.0	155.4	56.4	211.8

(1) Preliminary      (2) Forecast

SOURCE: Department of Trade and Commerce. Private and Public Investment in Canada.

**NEW INVESTMENT IN THE CHEMICAL INDUSTRY — 1941 - 1961**  
 including capital and repair expenditures





*This fractionating tower, silhouetted against the sky, is typical of the scenery in such Canadian oil-refining centres as Montreal, Quebec, and Sarnia, Ontario.*

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*A bird's-eye view of the outskirts of Sarnia, Ontario, known as Canada's "Chemical Valley".*



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