

BOARD OF TRADE

5 42 [HA 251]

# FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 2

Trade E

CHEMICALS (GENERAL)

Presented by the Board of Trade to Parliament in pursuance of the Statistics of Trade Act, 1947 (10 & 11 Geo. 6, Ch. 39, Sec. 7).

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\* Not applicable to this trade

#### CHEMICALS (GENERAL) TRADE

THIS REPORT on the Chemicals (General) Trade relates to establishments engaged wholly or mainly in the manufacture of miscellaneous chemicals, and of synthetic resins and plastic materials. Cellulose acetate production at establishments of textile firms is included in the report on the Rayon, Nylon, etc., and Silk Trade (Volume 6, Trade D). Fifteen Government establishments are included in 1948.

Separate reports have been published for establishments engaged wholly or mainly in the manufacture of coal tar products; of dyes and dyestuffs; of fertilizers, disinfectants, insecticides, etc.; of drugs and pharmaceutical preparations; and of explosives and fireworks.

This trade corresponds to minimum list heading 31 (3) and 31 (4) (apart from drugs, pharmaceutical chemicals and coal tar products) in the Standard Industrial Classification, with the addition of ceramic glazes and frits from heading 29 (3).

Any establishments in this trade in Northern Ireland are excluded in 1948. Owing to the risk of disclosure of information relating to individual firms, separate particulars of the very small output in Northern Ireland were not published in 1935.

2/E/60

TABLE				
	1948(a)	1946(b)	1937(b)	1935 (b)
	£1000	£'000	ฉ'000	£'000
Gross output (production)	187, 245	122, 380	44, 295	36,650
Cost of materials and fuel used	111,948	69, 190	21,867	17, 443
Payment for work done on materials given out	461	534	7	7
Net output	74,836	52,656	22,421	19,200
Wages and salaries of persons employed	37,950	24, 226		
	No.	No.	No.	No.
Average number of persons employed (c)	100,537(d)	83, 306	50,851	46, 134
	£	£	£	£
Net output per person employed (c)	744	632	441	416
stava s son vilei selatreron sa	£'000	£!000	£'000	£1000
Stocks at end of year				
Finished products and work in progress	13, 196	8,447	••	••
Materials and fuel	24, 471	12, 189		••
um de com cer de bedegged by gand and un company de com	No.	No.	No.	No.
Number of establishments	510	for a contract of		340

Great Britain only.
United Kingdom.
Excluding outworkers.
For an estimate of the total number of persons employed in this trade see Table 3.

The values of gross output and of materials and fuel used are derived in the following way: -

and the second s	1948	1946	. 1937	1935
	£'000	£'000	£'000	£'000
Output of firms in this trade				
Total value of sales (1948 and 1946) or production (1937 and 1935)				
Principal products (see Table 8)	158,893	}	35,975	31, 225
Other output (see Table 10)	30,383	127,251	8,320	5,425
Adjustment for changes in stocks and work in progress	+ 3,498(a)	- 407		
Less payment for transport by other firms	192, 775 5, 530	126,844 4,464	44,295	36, 650
Gross output (production)	187,245	122, 380	44,295	36, 650
Materials and fuel used by firms in this trade				
Purchases (see Table 13)	115,552 (b)	69,792(b)	21 067	10 447
Adjustment for changes in stocks	- 3,604(a)	- 602	21,867	17,443
Materials and fuel used	111,948	69,190	21,867	17,443

See Table 14. Excluding Customs and Excise rebates and drawbacks in respect of any materials on which duty was paid. The rebate and drawback receivable in 1948 in respect of alcohol amounted to £361,000. DS 41674/1

#### Summary, 1948 Small firms in Great Britain

#### TABLE 2

	Number of returns	235
- Constitution	Average number of persons employed (a)	34 agage 22 equitor
	Males Males	1,043
-	Females	337
	Total	1,380

(a) Including working proprietors.

#### Estimated average employment, 1948 All firms in Great Britain

#### TABLE 3

TABLE	
As returned by firms	Tot
Employing on average more than ten persons (a)	100, 537
Employing on average ten persons or less (b)	1,380
10.000.1 00.40 01. 10.00 11. 000.01	101,917
Estimated average employment in firms not making satisfactory returns	447
Estimated average employment in all firms	102, 364

(a) See Tables 1 and 15. (b) See Table 2.

#### Analysis by size, 1948

#### Larger establishments in Great Britain

#### TABLE 4

Average number	Establish-	Gross	Net	Persons	R	emunerati	on	Net output
employed	ments	output	output	employed	Wages	Salaries	Total	per person employed
	No.	£'000	£'000	No.	£1000	£'000	ಕ್.000	£
11-24	111	4,758	1,867	1,943	429	294	723	961
25-49	144	11,949	4, 497	5, 131	1, 138	762	1,900	877
50-99	94	14, 353	5,080	6, 389	1,480	827	2,307	795
100-199	59	18, 345	6,932	7,951	1,806	1,083	2,889	872
200-299	29	14,984	4,900	6,970	1,584	843	2, 427	703
300-399	16	11,278	3,968	5,472	1,430	662	2,092	725
400-499	10	8,505	3, 488	4,448	1,126	529	1,655	784
500-749	21	22, 637	8,377	12,556	3, 179	1,461	4,640	667
750-999	12	18, 157	7, 393	10,059	2,445	1,384	3, 829	735
1,000-1,499	6	9,773	3, 938	7,284	1,913	724	2,637	541
1,500 and over	8	52,507	24,396	32, 334	8,523	4, 328	12,851	754
Total	510	187,245	74,836	100,537	25,053	12,897	37,950	744

# Analysis by standard region, 1948 Larger establishments in Great Britain

TABLE 5

INDES O		NAME OF TAXABLE PARTY.							
	Establish-	Gross	Net o	output	Persons	Remuneration			
Region	ments	output	Value	Percentage of total	employed	Wages	Salaries	Total	
	No.	£'000	£'000		No.	£'000	£1000	£1000	
England	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2 3 3 3 3		e Camer	24,219/		
Northern	27	31,893	13,887	18.6	20,813	5,413	2,673	8,086	
East and West Ridings				a fragoriti gati	iow inthe		HE HE HE HE	100,500	
of Yorkshire	44	7,343	2,913	3.9	3,923	915	472	1,388	
North Midland	22	3,278	1,353	1.8	1,654	398	210	609	
Eastern	29	7,818	3,107	4.2	4,164	1,029	553	1,581	
London and								7	
South Eastern	107	30,392	10,689	14.3	14,849	3,420	1,913	5,334	
Southern	13	1,727	653	0.9	1,254	261	141	402	
South Western	19	4,301	2,115	2.8	2,680	717	240	956	
Midland	48	15,379	6,645	8.9	8,482	1,940	1,283	3,223	
North Western	131	66,071	26,148	34.9	30,925	7,909	4,236	12,145	
Total England	440	168,201	67,511	90.2	88,744	22,003	11,721	33,724	
Wales	20	11,070	4,053	5•4	6,071	1,619	654	2,273	
Scotland	50	7,974	3,272	4.4	5,722	1,431	522	1,953	
Great Britain	510	187,245	74,836	100.0	100,537	25,053	12,897	37,950	

# Analysis according to specialisation within the trade, 1948 Larger establishments in Great Britain

TABLE 6

	Establish- Gross ments output		Sales of charac-	Net	Persons	Remuneration			Net output
-tve:			101101		employed	Wages	Salaries	Total	per person employed
2007	No.	£'000	£1000	£1000	No.	£'000	£1000	£1000	٤
Specialist producers of		108.3	120.4					601-0	Y .
Plastic materials	48	25,489	23,618	10,466	14,599	3,260	2,323	5,583	717
Vitreous enamels and frits and	1000					3 8			
ceramic glazes	6	719	633	270	258	63	49	113	1,046
Remainder of the trade	456	161,037		64,100	85,680	21,730	10,524	32,254	748
Total	510	187,245		74,836	100,537	25,053	12,897	37,950	744

DS 41674/1

# Total make of intermediate products Larger establishments

TABLE 7

TABLE 7		78492		(6) (9)	(5)8401				
country !	Re	eturned in	this trade	Thinks.	Returned in all trades				
The Lons   The Lons	1948	(a)	1937(b)	1937 (b) 1935 (b)		1948(a)		1935 (b)	
- themical manufacture	Quantity	Entries	Quant	tity	Quantity	Entries	Quant	ity	
Chemical manufactures		No.	Th. tons	Th. tons	Th. tons	No.	Th. tons	Th. tons	
Acids							active a		
Hydrochloric (as at 1.14 S.g.)	(c)	7.20	189.0	171.6	238.0	28	192.4	175.0	
Nitric (in terms of 100	\$ 440 5 400	9-011			Hara en	110.6II	to to		
per cent. acid)	(c)	9, 888	82.8	71.9	197.7	13	83.4	72.4	
Salicylic, B.P. and equivalent	Th. lbs.	0.8	Th. lbs.	Th. 1bs.	Th. lbs.	1	Th. lbs.	Th. lbs.	
grades	2,676	••	3,647 (d)	5,048 (d)	2,676	6	3,819 (d)	5,307 (d)	
Sulphuric (in terms of 100 per cent.	Th. tons	8.00	Th. tons	Th. tons	Th. tons	(0):	Th. tons	Th. tons	
acid)	1,214.4	56	788.9	645.6	1,464.9 Th. lbs.	85	1,025.9	876.7	
Nicotinic	(c)	1.10	(e)	(e)	9		(e)	(e)	
Alcohols and alcohol ethers, not elsewhere specified	1.5	1.03				(0)	ments materials	eig pas galdosofe	
Alcohols	31	0.0	] e.sm	77.051	1 33	129.7	aroorate rts	ob macuo	
Higher fatty (f)	(c)	.sowo .	T Leave on	The ewise	Th. cwts.	TH. cwts.	-01008	. unoriset	
Sulphonated	8 (c)	158.0	(e)	(e) {	44.4	9.9	(e)	(e)	
Ethyl ether	E1 6	ladI	Th. lbs.	Th. lbs.	Th. lbs.		Th. lbs.	Th. 1bs.	
(sulphuric ether)	(c)	L tons	846	734	2,269	amoj am	1,360	1,329	
Aluminium compounds							lo ammed	nt) smold.	
Alum (soda alum, potash alum and ammonia alum)	8.0	7	Th. tons	Th. tons	Th. tons	9.30	Th. tons 7.5	Th. tons	
Aluminium sulphate	(c)		99.8	87.6	133.3	10	100.0	88.6	
DS 41674/1								1/40014 Sit	

44.73	Re	turned in	this trade	itae gaçı	Returned in all trade's			
	- 1948	(a)	1937 (b) 1935 (b)		1948(a)		1937(b)	1935 (b)
espect to	Quantity	Entries	Quan	tity	Quantity	Entries	Quan	tity
(d) 8581   (d) 7581	Th. tons	No.	Th. tons	Th. tons	Th. tons	No.	Th. tons	Th. tons
Chemical manufactures (contd.)  Aluminium compounds (contd.)		agos a	O kanoo (gJ)	anerg	Entries. No.	gotgaeug	3,000	eune fepimeno
Aluminium oxide							40	THE PRIME LAND
Anhydrous, but not including abrasives Hydrated	64.7	6	63.9	(e) {	64.7 110.6	6	63.9	(e)
Ammonia liquor (in terms of 880 Ammonia)	585.0	10	331.3	291.6	589.9	16	336.0	294.8
Ammonium carbonate and bicarbonate	5.0	5	3.6	3.5	5.0	5	3.7	3.5
Barium compounds			E(1,03 (D)	90 (0)	34 384 · 13	10.000		35. 784
Blanc fixe	(c)	10.000 10	Pages wir	manos es	14.6	5	mt) at	18/40/8/
Other sorts, excluding metallic driers, barytes, natural barium carbonate, and pigments	(c)	2.40A.	51.7 (g)	54.7 (g)	40.1	15	53.7 (g)	56.5 (g)
Bleaching materials		,					odenie falenie	alconola not els
Sodium perborate Other sorts Carbons, decolo-	0.9 129.7 Th. cwts.	13	129.7 Th. cwts.	112.9 { Th. cwts.	0.9 134.6 Th. cwts.	31	131.9 Th. cwts.	113.6 Th. cwts.
rising and activated	153.9	8	199.5 Th. lbs.	114.9 Th. lbs.	153.9 Th. lbs.	(5) 8	199.5 Th. lbs.	114.9 Th. lbs.
Formaldehyde, including solutions (in terms of	(c) Th. tons	68848	496.0 Th. tons	413.7 Th. tons	3,993.0 Th. tons	13	820.6 Th. tons	753.7 Th. tons
solution), and paraformaldehyde	65.6	0.8	14.1 (h)	9.5 (h)	68.3	8	15.9 (h)	10.8 (h)
0,002		1-8,581	8.78	2.000		(a) (a)	97 10 972	iqlua

TABLE 7 (contd.)

	Re	turned in	this trade	sort cit	Returned in all trades			
(d) 7801 (d) 7801	1948 (	a)	1937 (b)	1935 (b)	1948 (	(a)	1937 (b)	1935 (b)
	Quantity	Entries	Quant	ity	Quantity	Entries	Quant	lty
a comes ( Oct. costa)	Mill.cu.ft.	No.	1000000	20,000	Mill.cu.ft.	No.		
Chemical manufactures (contd.)							Servicestory	
Gases, compressed, including liquified and solidified	1 3.0		1 5722				20 M	
Acetylene,	1 (4)			38.00	1 781		100	
dissolved	(c)	••	(e)	(e)	383.4	8	(e)	(e)
Hydrogen	955.2 Mill.galls.	•••			966.9 Mill.galls.	9		
Nitrous oxide	116.3 Mill.cu.ft.				116.3 Mill.cu.ft.	••	0.32131.5 mts	E TATOSE
Oxygen	3,460.6	5.00	(e)	(e)	3,539.0	13	(e)	(e)
Petroleum hydro- carbons (butane, isobutane and					Th. tons			
propane)	(c) Th. lbs.	••	Th. lbs.	Th. lbs.	21.1 Th. lbs.	5	Th. lbs.	Th. lbs.
Iodides, not else- where specified, excluding ethyl	1 20		STOR STOR	2007-003			14 1 0 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CIRCLE CONTRACTOR
iodide	35.8	6	31.5	30.4	143.8	13	51.4	41.1
Iodine	29.9 Th. cwts.	5	92.6	110.1	113.9 Th. cwts.	16	116.1	133.0
Lead acetate	40.1 Th. tons	10	(e) Th. tons	(e) Th. tons	40.1 Th. tons	10	(e) Th. tons	(e) Th. tons
Magnesium compounds	Tax Edge						34,000	1
Sulphate	tos I	1,481	(8)	(3)				
B.P. and equi- valent grades	(c)	••	} 9.0	9.8	11.6	8	9.8	10.8
Other	10.7	8	J	]	10.7	8	940	10.0
Chloride	(c)	3:00	181	199	0.2	7		23A206
Other, not else- where specified	(c)	••	14.9	12.2 {	44.4	20	15.1	12.2
Plasticisers								
Butyl phthalate	1.7	••	)		1.7			
Tricresyl phosphate	2.7		(e)	(e) {	2.7		(e)	(e)
Potassium compounds	Th. cwts.		Th. cwts.	Th. cwts.	Th. cwts.	00-12776 ·	Th. cwts.	Th. cwts.
I od ide	1.2	5	2.5	2.1	3.2	14	3.5	2.9
Nitrate, unrefined	-	-	-	-	107.9	••	-	-
DS 41674/1				1			1	- Tiday

e a micha Like	R	eturned i	n this trade		Returned in all trades			
imager   coresi]	1948(	a)	1937(b)	1937(b) 1935(b)		1948(a)		1935 (b)
A STATE OF THE STA	Quantity	Entries	Quantity		Quantity Entries		Quantity	
1,000 000 000 000	Th. cwts.	No.	Th. cwts.	Th. cwts.	Th. cwts.	No.	Th. cwts.	Th. cwts.
Chemical manufactures (contd.)							taccuses	inem Indimed
Potassium compounds (contd.)							begged_	1000 ases0
Chloride (muriate)	1.5				1.5		tell.	Acres The
Chromate	0.7	5			0.7	5		enelstech
Other sorts, not elsewhere specified	501.5	33	101.6	131.4	567.7	46	(1)	211.2
Rubber substitute (factice)	(c)	5 .011 10 .00 .211	_ (e)	(e)	22.6	State State Baltas	(e)	(e)
Sodium compounds				189	1		-galant	11 - EL 1970 - 158
Bicarbonate, carbonate (including soda crystals and soda ash (on the basis of 580))		100 of	Londe Sar I	1801 793			e and	Sarvoine Isolates Locifies a
and caustic (in terms of 76°E)	(c)	••	Th. tons 1,496.0 Th. cwts.	Th. tons 1,317.1 Th. cwts.	Th. tons 1,619.7 Th. cwts.	37	Th. tons 1,523.9 Th. cwts.	Th. tons 1,357.0 Th. cwts.
Chromate	6.5	6	162.0	126.0	6.5	6	162.0	126.0
Dichromate	225.6	6	102.0	120.03	225.6	6	100.0	12000
Phosphates	545.6	••	124.0	82.0	545.6	9	124.0	82.0
Sulphate, other than B.P. and equivalent	Th. tons				Th. tons		a money	- ich cansam
grades	(c)	••	(e)	(e)	124.1	26	(e)	(e)
Cyanide, nitrate, nitrite, and silicate (water		3,15	10 11 HHZ	But			astura	HOZEVALA
glass), in terms of solid glass	(c)		(e)	(e)	103.9	13	(e)	
Sulphide	32.6	9	(e)	(e)	32.6	9	(e)	(e)
Synthetic organic chemicals for photographic	208						552X23	a stemp
purposes, not elsewhere specified	Th. cwts.	5			Th. cwts.	5	- WARRE	THE PROPERTY
Synthetic organic chemicals for tanners' use, not elsewhere			14.9	7.9			60.7	Swottel Tr
specified	87.2	7			175.2	15	A Secondaria	THE PERSON
9.8	38	78.00.	1. 348 -	4.8				boFkoL
		AND SEC.					Loon Jerms	John State Co.
DS 41674/1								140200 20

TABLE 7 (contd.)

TABLE 7 (contd.)	(HOLL CORDING TO)							
	F	Returned 1	n this trade	Placelo	JaamnaliR	eturned i	n all trades	
	1948	3(2)	1937 (b)	1935 (b)	1948 (	a)	1937 (b)	1935 (b)
The state of the state of the	Quantity	Entries	Quan	ntity	Quantity	Entries	Quant	ity .
1935 (5) (6)	Th. cwts.	No.	Th. cwts.	Th. cwts.	Th. cwts.	No.	Th. cwts.	Th. cwts.
Chemical manufactures (contd.)	detioni	019	REE	SINS .		hed tout		
Tartar, cream of	(c)	diancit.	siama je s	1.67	12.3			
Tartrates, not else-	00012 3	nod any	57.4	59.5	i de l	-	58.7	60.6
where specified	3.9			U	3.9	••	eenu no etuni	n Louimedo
Tin salts	(c)		15.6	13.9	4.3	8	17.4	15.7
Wood distillation products	551	170.8	Th. tons	Th. tons	Th. tons	Tile se	Th. tons	Th. tons
Charcoal, other						ted dol	o enter hi	SEGRETAL SEGRETARY
ising and acti- vated carbons	(c)	8.01	8.1	7.1	7.2	8	8.1	7.1
Fine chemicals, not elsewhere	Sign of the same o	sav.a	8	EV1	A ST L	Invince :	es. O.S. Mil	spape .
specified			Th. cwts.	Th. cwts.	Th. cwts.	1 70	Th. cwts.	Th. cwts.
Technical	(c)	T-OPN.	24.4	23.3	109.1	17	67.5	59.9
Synthetic perfumery chemicals	(c)	.88.	11.4	8.4	31.8	15	11.7	8.8
Cadmium compounds,	erice.		8 8	10 de 1 he -			inal	rsage and the
including plating salts but not	Hamaala		12 1 1 200			Lensings.	Ichoala bab	Liconolia
pigments	(c)				2.8	14		The same
Calcium compounds				1 -1 -331	all l			Alcone
Acetate	9.4 Th. tons	7		1 1 8-4	9.4 Th. tons	7	(0) 123167 3	ELE .
Carbide	95.5		(e)	(e)	95.5		(e)	(e)
Other sorts, not elsewhere specified,	(8)	The U.S. T. Ed.	5   5	28.0	S C	edse slo	Time, sego	10000
excluding calcium cyanamide	hos 1	100.8	lat to	10.0	1	lodesis	electrical and	70010 7401a
(nitrolim)	Th. cwts.	••			991.5 Th. cwts.	35		
Titanium dioxide	410.1	1	Th. tons	(e)	410.1 Th. tons	••	Th. tons	(e)
Carbon disulphide	(c)	1.4:4	20.5	(e)	38.1	5	20.8	(e)
Rubber accelerators, not elsewhere specified	(c)	0.00	(e)	(e)	5.6	11	(e)	(e)

<sup>(</sup>a) Great Britain only.(b) United Kingdom.(c) Owing to the risk of the given (b) United Kingdom.
(c) Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given.
(d) Described as "Salicylic acid, including salicylates, not specified elsewhere".
(e) Not available.
(f) Excluding higher fatty alcohols from sperm oil.
(g) Not specified as excluding metallic driers, natural barium carbonate, and pigments.
(h) Described as "Formaldehyde, whether in solution or polymerised".
(i) Including some potassium and sodium nitrate mixtures.

# Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades

#### Larger establishments

TABLE

DS 41674/1

TABLE 8	(4502000)	Castinon		San Ban 1 1	AT ARBDR 1		18
ASON ART . COMPANY OF THE COMPANY OF	N. ALL LEAN	1948(a) Sales	PURET 1	1937 Produc		1935 (t Produc	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
ELECTRICAL TO BE A STATE OF THE	Th. tons	a'000	No.	Th. tons	£1000	Th. tons	£1000
Chemical manufactures			21		4.8	Delliced	
Acids	i in em	att and	a Cris		5. 7. 7.	nolJarera	ALD DOOM
Hydrochloric (as at 1.14 s.g.)	222.7	1,467	27	170.2	551	156.6	504
Nitric (in terms of 100 per cent. acid)	45.0	928	13	19.5	339	14.6	237
Salicylic, B.P. and equivalent	Th. lbs.	(a) i	e (e)	Th. lbs.	(9)	Th. lbs.	
grades	1,571 Th. tons	140	6	2,783 Th. tons	132 (1)	2,652 Th. tons	157 (d)
Sulphuric (in terms of 100 per cent. acid)	1,134.3	6, 911	76	743.9	2,414	599.0	1,958
Nicotinic	Th. 1bs.	16	•••			oja	
Other acids, not elsewhere	12   ma. 6		ties H	38.1	1,512	34.2	1,360
specified		4,688	64			Elitario di sa	
Alcohols and alcohol ethers, not elsewhere specified					5)	Tarabar Cu	
Alcohols	Th. cwts.					враме дие о	mulalab
Higher fatty (e)	4.3	86	•••		(f)		(f)
Sulphonated	43.4 Th. lbs.	380	9	Th. lbs.		Th. lbs.	
Ethyl ether (sulphuric ether)	2,076	186	6	1,340 Th. galls.	87	1,318 Th. galls	84
Other alcohols and alcohol ethers, except ethyl alcohol	tce 11.	3,040	15	3,908	300(g)	2,709	212 (g)
Aluminium compounds	Th. tons	(a.		Th. tons	Th. dw	Th. tons	
Alum (soda alum, potash alum and ammonia alum)	8.2	150	7	7.3	52	7.5	54
Aluminium sulphate	129.7	1,313	10	100.0	450	88.4	375
Aluminium oxide						38935	
Anhydrous, but not including abrasives	64.9	1,641	13 <b>4</b> 0 lm	61.3	950	motion in a	solnO (6)
Hydrated	19.8	385	5	Juliani blo	950	64.9	880 (h)
Other sorts, excluding metallic driers, bauxite and abrasives	auccheo mult	ad Isabia	o miera,	strois from	r fetty s	34.9	1200/100 (11)
such as alundum	"Aparticator"	468	20	median ,a	59(h)	SECTION SECTION	Dioni (i)
							NAMES OF

TABLE 8 (contd.)

TABLE 8 (Contd.)	Tarl Company				4 14 15 11		
Chemical assurance of s (conver)		1948(a) Sales		1937 Produc	(h) tion	1935 (b) Product	
n enection combonies (carte)	Quantity	Value	Entries	Quantity	Value	Quantity	Value
CREOKICE	Th. tons	£'000	No.	Th. tons	٤١٥٥٥	Th. tons	£'000
Chemical manufactures (contd.)	180-18	1/863	26,39			belitation	TESASTELL.
Ammonia liquor (in terms of 880 Ammonia)	240.3	2,131	16	54.2	341	43.9	264
Ammonium compounds	1.8	301	5.4			blzoin nunci	10.00
Carbonate and bicarbonate	5.0	228	5	3.7	74	3.5	62
Other sorts, except ammonium sulphate and ammonium phosphate	9	(1) est	0.808	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		negotie	The second
Barium compounds	132.4	2,756	31	27.6	348	34.8	454
Blanc fixe	14.6	322	5			The purple by	20 (A. 151)
Other gents evaluating		022		18.8		ibud mistard	99 99
Other sorts, excluding metallic driers, barytes, natural barium carbonate,	3949		- Tacs	16.3	155 (1)	15.4	145 (1)
and pigments,	12.2	270	15			68 room 9 88	60 0.000
Bleaching materials	9.3			13602		afaydott ast	I bolley
Sodium perborate	0.9	98	.3,79	126.7	1,325	109.3	1,217
Other sorts	127.6	3,214	28		1,020	100.0	1001
Proprietory bleaches (j)	12.6	617 183	13	This town	-	shanogmos:	BB03
Bromides, not elsewhere specified, excluding ethyl	Th. cwts.	140	5,755	Th. cwts.	01:	Th. cwts.	
bromide	9.3	142 62	11	10.3	86	9.2	66
Carbons, decolorising and activated	154.3	506	8	199.5	367	114.9	120 (j)
Chloroform	Th. lbs. 3,204.8	319	13	Th. 1bs. 814.2	108	Th. 1bs. 740.9	104
Copper sulphate	Th. tons	1,358	12	Th. tons	586	Th. tons 34.9	447
Ethyl acetate	Th. 1bs. 9,409	475	210.01	Th. 1bs.	94	Th. 1bs.	104
Ethyl chloride	Th. tons	503	inos «	Th. cwts. 1.6 Th. tons	27	Th. cwts. 2.2 Th. tons	28
Formaldehyde, including solutions (in terms of 40 per cent. solution) and	III Odio	5.79		THE COILS		arsid.	TAS
paraformaldehyde	65.2	1,349	10	14.6	274 (k)	10.0	202 (k)
DS 41 874 /1	1 1 9	801	C sold		12	1,07,140.	

	mate close	1948 (a) Sales		1937 Produc		1935 (b) (c) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Chemical manufactures (contd.)	Th. tons	£1000	No.	Th. tons	£1000	Th. tons	٤١٥٥٥
Gases, compressed, including liquefied and solidified		AluguLev	1 433400	print le		722473y - 7	124
Carbon dioxide		P 600 12	Cons <sup>T</sup>	att 1000			
Solidified	25.5	598	8			dostunsm i	sofmedD
Other	13.7	209	12	18.1	250	19.1	281
Sulphur dioxide {	4.3	102 367	8	3.5	36	3.3	38
Acetylene, dissolved	Mill.cu.ft. 389.2	2,202	8		sensureolu Il	High	(25)g
Hydrogen	298.9	139(J)	9	A TOTAL STREET	- BUTTINGS	the orang	SEE TOO
Nitrous oxide	Mill.galls.	255	DA SEL			Sample of	
Oxygen	Mill.cu.ft. 3,541.9	3,456	13		2,246	DAMES OF THE PARTY OF	1,704
Petroleum hydrocarbons (butane, isobutane and propane)	Th. tons	477	5		inibular inibular	salt Single of S	848)
Other sorts	1	4,007	19		genoneo a	ured Leru   pignenus	an cra
Iodides, not elsewhere specified, excluding	Th. lbs.			Th. lbs.	als	Th. lbs.	RIGRETA
ethyl 1odide	97.8	70	13	51.4	20	41.1	16
Icdine	84.1	51	16	115.8	28	132.6	26
Lead compounds	Th. cwts.	18881	0.81	Th. cwts.	(t) cond	Th. cwts.	190909
White lead, basic carbonate, dry	227.3	1, 137	16	292.1	449	302.6	394
Lead oxides		Sb					hord
Litharge	132.0	692	8	142.2	223	141.8	151
Other, including red lead and orange lead	413.3	2,033	13		450		TOINS BYES
Lead acetate	6.9	40	5	400.7	608(1)	421.1	431(1)
Other lead compounds, except pigments	210.0	2,317 84	} 15				Lundi
Magnesium compounds	Th. tons			Th. tons	300	Th. tons	The same of the sa
Sulphate				190	Da So estra		integ .
B.P. and equivalent grades	11.2	189	8	9.7	68	10.6	79
Other	10.4	159	8				
DS 41674/1							DS 41674

TABLE 8 (contd.)

TABLE 8 (contd.)					-	sichneris a	100000
(a) (a) Vale (a) (a) Associated (a)		1948(a) Sales		1937( Product		1937(b) Product	
Tanzar ( versuser ) entev ( value	Quantity	Value	Entries	Quantity	Value	Quantity	Value
20012   2001 27   20018   2008.	Th. tons	٤١٥٥٥	No.	Th. tons	£1000	Th. tons	£1000
Chemical manufactures (contd.)					27000 281	ofteterer :	
Magnesium compounds (contd.)					((157500)	elsumquo e	
Chloride	0.2	9	7		de district	rute esti	
Other, not elsewhere specified	39.6	1,163	20	13.6	237	10.7	195
Plasticisers, not elsewhere specified		808				n entre p	
Butyl phthalate	1.6	323				he and the	
Tricresyl phosphate	2.6	511	••		121	LAMBOO DES	(4)
Other plasticisers, excluding		50		••	(f)	3 OTEN DEC	(f)
camphor and chlorinated paraffin wax	4.1	984	13			LEEDON DE PER EU MENONILE	
Potassium compounds	Th. cwts.	500		Th. cwts.		Th. cwts.	
Iodide	3.8	232	14	3.5	88	2.9	83
Nitrate, unrefined	66.1	160	•• 00	-	erentweek	s den Jäst Läis	
Chloride (muriate)	1.5	5				511	
Chromate	0.3	4	5	136.2	228 (m)	209.3	284
Other sorts, not elsewhere specified	489.8	1,425	47	beat.	1936 - 38 134 1932 - 458 1938 - 458	22 30 US 6701 00 5 1783 0 12 US 60 30 30 30 30 30 30 30 30 30 30 30 30 30	
Rubber substitute (factice)	23.6	213	••		(f)	•	(f)
Sodium compounds	Th. tons			Th. tons	Paint-in	Th. tons	
Bicarbonate, carbonate (including soda crystals and soda ash (on the basis		101				Supple 1	
of 58°)) and caustic (in terms of 76°E.)	1,564.8	17,821	34	1,242.3	7,272	1,102.1	6,852
Chromate	Th. cwts.	25	6	Th. cwts.		Th. cwts.	0,002
Dichromate	6.3	725	6	156.0	248	122.6	197
Phosphates	192.3	68.4	10	121.2	79	79.6	53
Sulphate	469.5	1,608		Th. tons	- Jan I.	Th. tons	
	Th. tons	~.	10	THE COILS		THE COILS	12.2
B.P. and equivalent grades	6.3	74	19	99.2	224	97.0	224
Other, including salt cake	87.8	579	25		Teniol	Ugeous Car	
		The state of				Tertieni	
			1	1		1.	

dolodine 19 not sauto re	1948 (a) Sales			1937 Produc		1935 (b) (c) Production		
BULEY THIRTH BULEY THE	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
COLUMN TO THE PARTY OF THE PARTY	Th. tons	£1000	No.	Th. tons	£1000	Th. tons	£1000	
Chemical manufactures (contd.)					Japol as	uh ap el made		
Sodium compounds (contd.)					ratao) lab	motaos sus		
Cyanide, nitrate, nitrite, and silicate (water glass),		-0	3.0			551		
in terms of solid glass	83.0	2,249	13		ensity	para tem co		
Sulphide	31.7	668	9	198.4	1,965	164.9	1,738	
Other sorts, not elsewhere specified	162.7 Th. cwts.	2,750	63	Th. cwts.		Th. cwts.	loogs country	
Synthetic organic chemicals for photographic purposes, not elsewhere specified	2.2	172	5		3131	mond Ligari		
Synthetic organic chemicals for tanners' use, not elsewhere specified	169.4	362	15	59.5	81	65.4	79	
Tartar, cream of	14.6	113	••	1	April Park	SOCHOL HELS		
Tartrates, not elsewhere specified	3.6	37		58.5	219	60.6	226	
Tin salts	2.9	48	8	16.0	108	15.1	98	
Wood distillation products (except acetic acid, acetic anhydride, acetone, aluminium acetate, calcium acetate, lead acetate and methyl alcohol)	Th. tons	Harris Harris	840 6400 6400	Th. tons	tanza e	Th. tons		
Charcoal, other than decolorising and activated carbons	6.6	169	8	8.1	60	7.1	51	
Other, including iron acetate liquor	••	129	6	••	5		10	
Zinc oxide	61.8	4,229	15	52.2	1,132	48.0	787	
Fine chemicals, not elsewhere specified	Th. cwts.			Th. cwts.		Th. cwts.	ans.	
Analytical, reagents and research	1.8	38 4	} 11	5.1	46(n)	5.9	40 (1	
Technical	98.1	966	17	61.9	334	59.6	318	
Synthetic perfumery chemicals	25.7	675	15	10.1	219	8.6	213	
Other, except medicinal	6.5	387	12	36.1	191	40.4	191	
Unclassified		405		3.2	50	2.5	34	

TABLE 8 (contd.)

TABLE 8 (contd.)								
Production Production		1948(a) Sales		1937 ( Product		1935 (b) (c Production		
noticy Value Quentity Volum	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
pwise, at 000 The owns, 2000	th has 1945	£1000	No.	trup, toos	£1000	The Years .	£1000	
Chemical manufactures (contd.)						alei roses		
Metallic organic compounds					aniaer	\$1.10a.bas p.k		
(naphthenates, linoleates, resinates, stearates and	1 58.8				pal bus	pered one, the		
like compounds) not separately specified,	1 318	10.18		20.2	8.1803/1/00	no this ensur		
excluding metallo-organic	8'-	111				TO THE LAND	AMERICA	
medicinal compounds	Th. lbs.	700	16	3.00	(f)	(noplastics)	(f)	
Bismuth salts and compounds, excluding pigments	662.1	440	11		resylida	o bas scribad		
scentilione and come black	Th. cwts.	1 188.1	tiess	1	BA	38218138		
Cadmium compounds, including plating salts but not								
pigments	2.8	171	14		11/0			
Calcium compounds	fine tions	000000	84100	1	97			
Acetate	10.4	12	7		-	Well trassers		
Carbide	Th. tons 92.3	2,264	••	5.7		epdus abou to	olv(s)	
Other sorts, not elsewhere specified, excluding	900 82		1.98		1,399	11.01.00	5	
calcium cyanamide (nitrolim)	288.7	1,737	38			s is santali	40 to	
Molybdenum compounds	Th. cwts. 30.9	138	5			enimalen ref	but I	
Tin oxide	8.1	164	6		1010101	es surportura		
Titanium dioxide	318.1	1,379	\$2.108		redylics W	bue solious seminated of	9	
Metallic salts and compounds, not elsewhere specified,	l los		3,701		800	apridific lya	¥ ·	
excluding pigment colours	Th tone	5,222	*** 181	Th tons			0	
Carbon disulphide	Th. tons 38.1	1,355	5	Th. tons 20.8	333	ralliber tensis	5,687	
Nitro-cellulose (collodion cotton), not intended for explosives (on the basis	21	1,356	9.38		(a) ed	Trainse ace		
of net undamped weight)	4.6	1,235		1	real floa	ink atliens	4-	
Phosphorus	Th. cwts. 32.4 Th. tons	230	8,350		asi son st	displantan		
Rubber accelerators, not elsewhere specified	3.8	1,078	11000		4,325			
Contracto	1 200		11505			18.0		
Other chemical manufactures		21,802	••		strecess	loseid lesor		
Unclassified chemical manufactures		959	26	44 -	_	-		
Total chemical		695						
manufactures		133,063	••		33,402		29,514	

1955 (a) (c) Production	Troduction (h)		1948 (a) Sales		1937 Produc		.1935(b)(c) Production	
	arist   value	Quantity	Value	Entries	Quantity	Value	Quantity	Value
00013	500°Z	Th. cwts.	£1000	No.	Th. cwts.	£1000	Th. cwts.	٤١٥٥٥
Plastic materials	. Isones					res (contd	manutacto	Chemical
Liquid and solid r solutions, emulsi dispersions, incl polymers and co-p	ons and uding			est for a destilla		abmiegnob agdaelonii agas aga aob	olnagre ol Menages Losa, soci Losipounde)	Ilosem magn misor enti
Acrylics	G Elebe	4.4	111	6			nega wisa Mara metal	separ exclus
Aminoplastics	(2)	207.8	1,023	8	t the s		Comp. deni	olizasne
Phenolics and cr	esylics	dan 1	1-540	ea 1 . saa	21		ns exists on	
Straight	mirely #	226.7	1,311	13	7		ongoameo a	
Modified		65.3	473	5			og salts b	platin
Other	passional	601.2	5,685	29	100.15		Museumos a	unt of so
Unclassified		152.2	1,162	10			9.74	Jean
Sheet, rod, tube, foil and profile	film, shapes		488s	8000 SR	T		50.00	das)
Casein	Ges.i	39.1	990	5	91		n sorte; n	oche oca
Cellulose acetate	e (o)	29.1	1,105	13	- La Control		ersyn gwid	Leo es
Other cellulose (excluding cellulose)		5.5	236	6.08	519.2	2,841(p)	348.5	2,026(p)
Phenolics and cre (laminated only)		201.2	3,516	14	to tora		iól xollógur	
Vinyl chlorides	acus de la companya d	107.6	2,775	20	il. san		e elise ot e eredweaf	THE RESERVE OF THE PARTY OF THE
Other	8002 60	161.2	5,176	28	9-1		amiq mail	THE RESERVE OF THE PARTY OF THE
Moulding and extrus	s ion	8	1,885	2,005			tiquetb.	Caroon 10
Cellulose acetate	(0)	62.2	1,256	12	32.3		1 300 40	ostgowy Cicze
Phenolics and cre (including impre		462.3	3,121	7			edwabuu :	of to
Vinyl chlorides	555 <sub>4</sub> F <sup>3</sup>	129.8	1,976	8		min state	are forths	redolario
Other		202.0	1,832	14		inied .	Dags ened	
Total plastic m	naterials		31,749	••		2,841	do deltie	2,026
		AS .	986	aller -	1,000	182	: segugos	TUTEME

TABLE 8 (contd.)

TABLE 8 (contd.)							(	.binoo) B	
1985 (b) (c) Producktur	(d)	1937		1948 (a) Sales		1937 Produc		1937 (b) Product	
Quantity Value	Value	Duantity	Quantity	Value	Entries	Quantity	Value	Quantity	Value
-00012	2000		Th. tons	£'000	No.	Th. tons	£1000	Th. tons	£'000
Other chemical prod	ucts					(,001	diots (co)		Terite
Manufactured bitu products	minous	98		1467E7	-855.S		26		29
Bituminous emul except emulsio use as paint (	ns for	903 20 · (	58.3 Th. galls. 228 Th. tons	787 12	21	45•2	217	199.7	704 (7)
Other bituminou except paint a factured masti	nd manu-	. 1	41.3	686 181	} 45 {	135.1	466 13	reces, acor	704 (r)
Blacks, 'mineral a including vegeta acetylene and bo	ble, lam	ip,	Th. cwts.	247	10	Th. cwts.	00	in. cwts.	04
		un 1989 1	110.0	241	10	/1.8	88	55.9	64
Boiler composition disincrustants	ns and	4.4	178.7	578	27		173	and the same	143
Brewers' finings,	etc.	della care	Min town	250	17		97	denalg sing	124
Case hardening co	mpounds	(J) {	Th. tons	47 31	} 6	- 1	zon un Doi:	not give ni where abect	base safe
Ceramic colours a not elsewhere sp	nd ename	ls,	Th. cwts. 29.7	499 245	} 10	5.7	109(s)	6.6	114(s)
Ceramic glaze		etcolols	271.3	799	16	79.0	128(t)	56.9	82 (j)(t)
(*) 300 (1 ** 8 . 8 E * + (v			W00388 15 11	100.4		odus.			(3) (0)
Earth colours, pr powdered	ocessed	or	Alc criers	na Kural	arta car	calais are t	dinemile o		Conce
Ochres		tyce, who	113.3	129	11		210		19
Red oxides of 1	ron	ON ASK BOX	443.9	420	,13		ei	scen has se	Lal
Other earth col except black	ours,	4.65	198.5	251	11	619.8	388	547.9	329
Unclassified			18.9 Th. lbs.	96	18	Th. lbs.	ofizinha	Th. lbs.	omen -
Essential oils, o than turpentine	ther	t. incore	ourne or	911 97	3.7 0		ikoo i		Piter
Natural, includ mixtures of na			of poster.	23 307	1.081		#1 \$21 (5)		rt aosi add
Terpeneless o sesquiterpen		21008	9.9	64	12			10	Highlia
Other		101 {	581.1	584 86	} 22	207.0	98(J)	329.4	138(J)
Synthetic		PV18.00*	295.0	95	10	1	(f)	elenice auc	(f)
Finishing materia		8007 d		á					and a
the textile trad other than oils, (including gum,	starch		Ja miller	43	2,8		2-5		nuono.
etc.), not elsew specified	here	aine asia	**************************************	409	14		234	Q FBOIMSNO	228
137 "Adound enamed	The Park	and the	19						04 GDW
DS 41674/1								1/1	Hara Be

(b) 1987(b) (c)	Les		1948(a) Sales		1937 ( Product		1935(b)(c) Production		
Value Quantity Value	rancing	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
000 2 eno at 00012	.800J .2	mil. cole.	\$1000	No.	Th. cwts.	£1000	Th. ewts.	£1000	
Other chemical products (con	td.)					educts	themical pr	r dedao	
Cross and sold resize,		Th. 1bs. 2,228 Th. galls.	97			avonimu	id becurde alcue	uastt 1979	
Flavouring compounds (j)	8.8	315	235 229	12		insions.	me acconimo:	18. <b>-</b>	
Flavouring essences and dy for foods, etc.	es	4.4	SI I	Pin. tons	, abni	oduco smb	nimulio ieo	30	
Flavouring essences	1255.1	D0005A	2,356	79	ai ai	land manu tic aspina	onleg jgeon	1	
Dyes	is awas.		271	36	••	646	ierenier (a	1, 183 (u)	
Unclassified	8,17	Th. cwts.	1,293	38	J GR	secte, is	Mene and	908	
Iron oxides, chemically manufactured		1,554.4	997	20		(f)	r composit	(f)	
Inorganic pigment colours (pure or reduced), dry		701/02	5,082	In cons		.oJe .e	eninii tan	Brew	
and in pulp form, not elsewhere specified	-	15282	1.78	DQS	(6)	ebruoqnop	hardening	0889	
Iron blues	7.3	32.6	364	21	i sale	and enam	atrofoo oto	Cerai	
Chromium compounds, including lead greens and zinc greens	79.0	164.2	1,566	40		201	ilo glaze	Cera	
Other		292.1	1,251	59	Th. cwts.	1 707 (11)	Th. cwts.	1 505 (11)	
Synthetic organic pigments (pure or reduced)			gran I		544.0	1,723 (V)	485.8	1,565 (V)	
Pigment dyestuffs		93.1	1,567	31			600	LaO	
Lakes and toners		118.1	1,375	37		iran	oxides of	9月	
Lithopone, dry	.8.918	Th. tons 52.1 Th. cwts.	1,714	g.nei	Th. tons 46.7	671	Th. tons	538	
Mastic and other adhesive cements (j)	adI a	82.1 Th. tons	416 93	70	-	-	belliasi	no <del>-</del>	
Pitch, other than coal tar pitch		3.7 Th. cwts.	110	22	5.1 Th. cwts.	84	4.4 Th. cwts.	44	
Rosin size (for use in the paper trade) (j)		180.1	307		-	ading patural	io serios	Na T	
Sulphur		471.0 Th. tons	382	13	336.4 Th. tons	111	363.9 Th. tons	113	
Sulphonated oils, other the sulphonated alcohols	an vos	10.0	893	23	10.4	220 (W)	8.8	172 (W)	
Vitreous enamels and frits	1	Th. cwts. 318.2	1,201	19	Th. cwts.	125	Th. cwts.	104 (J)	
Purple iron ore		Th. tons	8	5	Th. tons	701 7181	enting mater	LOLY,	
Ground barytes (x)		6.2	51			1504405	to asta to	140	
Other chemical products			1,211	••	}	110	of serious	03.9	
Waste products	\$ - \$ - \$		162	37		(f)	Des-413	(t)	
DS 41674/1				1			1/10	ota 8d	

TABLE 8 (contd.)

	1948(a) Sales			1937(b) Production		1935 (b) Product	
The same of the sa	Quantity	Value	Entries	Quantity	Value	Quantity	Value
1937(b) 1935(b) Production Production		£1000	No.	1987	£1000		£1000 -
Work done for the trade or on commission (y)	pQ -   pol 1	1,727	72	1914 1111	96	1	79
Total add and ooo's add	ite. basc	191,448		The tons	42,047	West Done I	37,404
Less sales (or production) in other trades (see Table 9)		32,555			6,072	eautectures	6,179
Total principal products of this trade sold or made by establishments in the trade		158, 893	508	toot	35,975	(g. d. 1481)	31,225

Great Britain only.

(b) United Kingdom.
(c) Firms not covered by the 1937 Inquiry recorded the following output in 1935:-

	Th. tons	£'000
Carbon dioxide	4.0	51
Potassium compounds, other than iodide and cyanide	3.6	8
Other chemical manufactures	him to to in	200
Manufactured bituminous products	9.3	75
Brewers' finings, etc.		29
	Th. lbs.	
Essential oils, other than turpentine	27.5	28
Flavouring essences and dyes for foods, etc.	The second secon	1

Described as "Salicylic acid, including salicylates not elsewhere specified".

Excluding higher fatty alcohols from sperm oil for which see the Soap, Candles and Glycerine Trade (Volume 2, Trade J).
Not recorded separately.

Methyl alcohol (synthetic or from wood distillation processes) only.

Not specified as excluding metallic driers.

Not specified as excluding metallic driers, natural barium carbonate and pigments.

So far as recorded separately.

Described as "Formaldehyde, whether in solution or polymerised".

Not specified as excluding pigments.

Including some potassium and sodium nitrate mixtures.

Reagents only.

Excluding the output of textile firms for which see the Rayon, Nylon, etc., and Silk Trade

(Volume 6, Trade D).
Recorded as: -

	193	7	193	5	
Synthetic resins	Th. cwts.	£1000	Th. cwts.	£1000	
Solid and liquid, uncured, cured or hardened	97.8	394]			
Blocks, sheets, rods and tubes		}	50.8	339	
(laminated and unlaminated)	21.2	356			
Powders, including moulding powder,					
in which the value of the resin is					
not less than 50 per cent.	311.6	1,219	217.0	885	
Casein, celluloid, xylouite and the					
like, in sheets, rods, tubes, etc.	75.7	632	74.1	657	
Cellulose acetate, benzy cellulose and					1
the like, in sheets, rods, tubes, etc.	12.9	240	6.6	145	

(q) Excluding bituminous emulsions recorded as paving materials for which see the Building Materials Trade (Volume 1, Trade L).

Including some mastic asphalt.

Described as "Potters' colours, dry".

Described as "Glazes".

Including unspecified quantities of powder and essences.

Described as "Chemical colours (pure or reduced) including lakes, dry and in pulp form".

Not specified as excluding sulphonated alcohols.

Excluding ground barytes produced at mines and quarries.

Amount charged in 1948 and amount received in 1937 and 1935.

# Sales (or production) of principal products of the trade by establishments classified to other trades

Larger establishments

T	A	B	L	E	

	Juley expensions			1948(a) Sales		1937 ( Product		193 Produ	5(b) ction
## Part	er. i	. 99	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Acids  Salicylic, B.F. and equivalent grades  Sulphuric (in terms of 100 per cent. acid)  Other acids, not elsewhere specified, including hydrochloric, ntric, and nicotinic  Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol  Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum  Carbonate and blearbonate  Carbonate and blearbonate  Carbonate and blearbonate  Other sorts, except ammonium sulphate and ammonium phosphate  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments  Bleaching materials  Sodium perborate  Other sorts  Fomides, not elsewhere specified, except substited and substited an	MALESTAL NE DE	ARCOT STREET	Th. lbs.	£1000	No.	Th. lbs.	£!000	Th. lbs.	£'000
Salicylic, B.P. and equivalent grades  Sulphuric (in terms of 100 per cent. acid)  Other acids, not elsewhere specified, including hydrochloric, nitric, and nicotinic  Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol  Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum  Carbonate and bicarbonate  Carbonate and bicarbonate  Carbonate and bicarbonate  Other sorts, except ammonium sulphate and ammonium phosphate  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments  Sodium perborate Other sorts  From ides, not elsewhere specified, except ammonium sulphate and ammonium arrivals.  A.B. 168 14 Th. cwts.  Th. tons  172 18 259 22 Th. tons Th. tons  173 58 5.7 56 Th. lbs.  Th. lbs.  Th. lbs.  Th. lbs.  Th. lbs.  Th. tons  Th. tons  Asia 58 5.7 56 Th. lbs.  Th. l	Chemical manufa	ctures		8,555		1 (6	aldel se	trades (	
Saltylit, B., and equivalent grades  Sulphuric (in terms of 100 per cent. acid)  Other acids, not elsewhere specified, including hydrochloric, nitric, and nitotinic  Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol  Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum  Carbonate and bicarbonate  Carbonate and bicarbonate  Carbonate and bicarbonate  Other sorts, except ammonium sulphate and ammonium phosphate  Saltylit, B., and equivalent  Th. tons  Th. tons  12		30,78	608	-2198 48	12 100	to to	produceds. Or made	flagioning los: abito listagensa	Total and ages
Sulphuric (in terms of 100 per cent. acid)  Other acids, not elsewhere specified, including hydrochloric, nitric, and nicotinic  Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol  Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum  Ammonia liquor (in terms of 880 Armonia)  Ammonia liquor (in terms of 880 Armonia)  Carbonate and bicarbonate  Other sorts, except ammonium sulphate and ammonium phosphate  3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, and pigments  Sodium perborate  Other sorts  Other sorts  A.8 168 14 Th. cwts.  Bromides, not elsewhere specified, excluding ethyl 7.2 111 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		B.P. and equivalent	Th. tons	274	••30		12	A STATE OF THE PARTY OF THE PAR	22
specified, including hydrochloric, nitric, and nicotinic 1,304 17 5.3 58 5.7 Th. lbs.  Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol 250 9 513 38(c) 595 43( Th. tons alum, aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum 94 0.2 1 0.9 5  Ammonia liquor (in terms of 880 Ammonia) 4.9 55 6 4.6 37 3.2 27  Ammonium compounds  Carbonate and bicarbonate 0.1 1 - 1  Other sorts, except ammonium sulphate and ammonium phosphate 3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments 2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate			100.2	551	21	86.5	250	mphanis by	223
hydrochloric, nitric, and nicotinic 1,304 17 5.3 58 5.7 56  Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol 250 9 513 38(c) 595 Th. lbs.  Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum 94 0.2 1 0.9 5  Ammonia liquor (in terms of 880 Ammonia) 4.9 55 6 4.6 37 3.2 27  Ammonium compounds  Carbonate and blcarbonate 0.1 1 - 1  Other sorts, except ammonium sulphate and ammonium sulphate and ammonium phosphate 3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments 2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate 2.1 60 0.6 37  Th. cwts.  Fromides, not elsewhere specified, excluding ethyl 7.2 111 5 5 4.4 11 1.7 0.0			1, 351-4	,000	20		∮£∂x	ilb modali	1
Alcohols and alcohol ethers, not elsewhere specified, except ethyl alcohol  Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum  94 0.2 1 0.9 5  Ammonia liquor (in terms of 880 Ammonia)  Carbonate and bicarbonate  Carbonate and bicarbonate  Carbonate and bicarbonate  Other sorts, except ammonium sulphate and ammonium phosphate  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments  Sodium perborate  Other sorts  Bromides, not elsewhere specified, excluding ethyl  Th. tons  138(c)  595  Th. tons  Th. tons  Th. tons  43(  Th. tons  Th. tons  Ass(c)  595  Th. tons  Th. tons  Ass(c)  595  Th. tons  Ass(c)  595  Th. tons  Ass(c)  595  Th. tons  Ass(c)  595  Th. tons  Th. tons  Ass(c)  595  Th. tons  Ass(c)  Th. tons  Th. tons  Ass(c)  Th. tons  Th. tons  Th. tons  Th. collaboration  Th.	hydrochlor			1,304	17		58	Committee of the second section of the	56
Aluminium compounds other than alum, aluminium oxide, metallic driers, bauxite and abrasives such as alundum 94 0.2 1 0.9 5  Ammonia liquor (in terms of 880 Ammonia) 4.9 55 6 4.6 37 3.2 27  Ammonium compounds  Carbonate and bicarbonate 0.1 1 - 1  Other sorts, except ammonium sulphate and ammonium phosphate 3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments 2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate 2 2.1 60 0.6 37  Th. tons	not elsewhere	e specified,	32.0	250	entine about a		39(c)	Issential	131
such as alundum        94        0.2       1       0.9       5         Ammonia liquor (in terms of 880 Ammonia)       4.9       55       6       4.6       37       3.2       27         Ammonium compounds       Carbonate and bicarbonate       -       -       -       0.1       1       -       1         Other sorts, except ammonium sulphate and ammonium phosphate       3.3       156       9       0.7       7       0.7       6         Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments       2.4       56       5       2.0       20       1.8       20         Bleaching materials       Sodium perborate       -	Aluminium compalum, alumin	counds other than lum oxide, metallic	ot elsewhere ch see tho t	cylates a	ise gate		Co ob	April 10 Control of the Control of t	Dead Loza ( Joya (
Ammonium compounds  Carbonate and bicarbonate  Other sorts, except ammonium sulphate and ammonium phosphate  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments  Sodium perborate  Other sorts  Sodium perborate  Other sorts  Fromides, not elsewhere specified, excluding ethyl  4.9  55  6  4.6  37  3.2  27  Ammonium compounds  O.1  1  O.1  1  1  0.7  6  2.0  20  1.8  20  37  Th. cwts.  Th. cwts.  Th. cwts.			DO (8522600	94	Lights to	0.2	1	0.9	5
Carbonate and bicarbonate  Other sorts, except ammonium sulphate and ammonium phosphate  3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments  Sodium perborate  Other sorts  Sodium perborate  Other sorts  Fromides, not elsewhere specified, excluding ethyl  Th. cwts.  Th. cwts.  Th. cwts.		(in terms of	4.9	55	6	4.6	37	3.2	27
Other sorts, except ammonium sulphate and ammonium phosphate  3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments  2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate  Other sorts  4.8 168 14  Th. cwts.  Bromides, not elsewhere specified, excluding ethyl  7.2 111 5 5 1.4 14 1.7 20	Ammonium compo	ounds	1 1118		n sagalo	nutice has a	riceesog	ding some	
sulphate and ammonium phosphate 3.3 156 9 0.7 7 0.7 6  Barium compounds, excluding metallic driers, barytes, natural barium carbonate, and pigments 2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate 2.1 60 0.6 37  Other sorts 4.8 168 14 Th. cwts.  Bromides, not elsewhere specified, excluding ethyl 7.2 111 5 5 1.4 1.7 20	Carbonate an	nd bicarbonate	Of Quive BR. o	64 902_20	201 a	0.1	1	and and a	1
metallic driers, barytes, natural barium carbonate, and pigments  2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate  Other sorts  4.8 168 14  Th. cwts.  Bromides, not elsewhere specified, excluding ethyl  7.2 111 5 1.4 11 1.3 9	sulphate ar		3.3	156	9	0.7	7	0.7	6
and pigments  2.4 56 5 2.0 20 1.8 20  Bleaching materials  Sodium perborate  Other sorts  4.8 168 14  Th. cwts.  Bromides, not elsewhere specified, excluding ethyl  7.2 111 5 1.4 11 1.7 9	metallic drie	rs, barytes,	968 P. V	8,25	and State	edir-bas.abi	des control of the co	energen , energen enimel)	
Sodium perborate  Other sorts  4.8 Th. cwts.  Bromides, not elsewhere specified, excluding ethyl  7.2  111  5  1.4  15  1.4  11  1.7  9		in carbonate,	2.4	56	5	2.0	20	1.8	20
Other sorts  4.8 Th. cwts.  Bromides, not elsewhere specified, excluding ethyl  7.2  111  5  140  0.6  37	Bleaching mate	rials	ask .	riat .	.005	ods, tuses,		tive in	
Other sorts  4.8 Th. cwts.  Bromides, not elsewhere specified, excluding ethyl  7.2  111  5.14  Th. cwts.  Th. cwts.	Sodium perbo	rate	030 -	9181	101 <del>-</del> 125	2 1	60	0.6	27
Bromides, not elsewhere specified, excluding ethyl 7.2 111 5	Other sorts			168	14		abari i	e (Volume	detil
	specified, ex		7.2		} 5	olders, drys	11	In as bequ	Desci 10011 9

TABLE 9 (contd.)

00012 00012	B. tog	1948(a) Sales	a lebys	1937 (b) Production		1935 Produc	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
section and the make	Th. tons	£1000	No.	Th. tons	£1000	Th. tons	£'000
Chemical manufactures (contd.)	and Lift		eno	ier .		celloni en	
Formaldehyde, including solutions (in terms of 40 per cent. solution) and paraformaldehyde  Gases, compressed, including	1.2	41		1.1	20	0.8	15 15
liquified and solidified  Carbon dioxide; sulphur dioxide; and acetylene,	40:12	-07	-		nemice; surposes afled	c organic cographic symete spe	
dissolved  Hydrogen and oxygen	Mill.cu.ft	600	12		les Lueds not	didesanto de la composición de	
Other sorts, including	10.5	a   Toer	8		38	re special	73
petroleum hydrocarbons (butane, isobutane and propane) but excluding		2.513		ol soft	acoulon d, acet a a lond	siljation g gostic aci da acetore	CED, COOM (Geore)
nitrous oxide	Th. lbs.	343	5	Th. lbs.	oetate.	Th. lbs.	etasane perbesi lonatura
Iodides not elsewhere specified, excluding ethyl iodide	63.5	42	7	19.9	8	10.6	0.710 <b>4</b>
Iodine	51.3	31	11	23.2	6	22.5	7
Lead compounds	Th. cwts			Th. cwts.	fron	Th. cwts.	redso.
Lead oxides	299.5	1,462	9			545	Eloc coll
Lead acetate  Other lead compounds,  including white lead	Th. twea		. edw	461.6	714	511.2	594
(basic carbonate, dry) but excluding pigments	65.0	339 84	17	mh tone	encly (che	Th. tons	INCOP STOCKE
Magnesium compounds, not elsewhere specified	Th. tons	468	8	Th. tons	19	1.0	21
Potassium compounds	Th. cwts	9 14 944	30 .	Th. cwts.	Lacioli	Th. cwts.	r pod
Iodide	2.2	129	9	1.1	28	0.8	22
Other sorts, not elsewhere specified, including unrefined nitrate but				edi	Line we	anatas, jim sa, atearic da) not alo	digahi restas poupou
excluding chloride (muriate and chromate	110.0	401	14	43.8	82	79.7	99
09 41671/1							TA ANNA DA COM

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	Large	1948(a) Sales		1937 Produc		1935 (b) Production	
THE P. L.	Quantity	Value	Entries	Quantity	Value	Quantity	Value
(5) 3561 (6) 7561	Th. cwts.	£1000	No.	1907	£1000	188	£1000
Chemical manufactures (contd.)		DETARCT.	8	Produc	A COLUMN	Prom	0.5.1.00
Sodium compounds	SUP OF BOLY	TAR ARISON	THE PART	nade toloy	Falue	Quantity	. Valu
Phosphates	1000	E-0000	a No eno	.Rep. lba.	1	The los.	1
Sulphate, including salt	Th. tons			Th. tons	(contd.)	Th. tons	in lants
cake	3.1	41	10	3.6	17	4.2	20
Other sorts, not elsewhere specified, other than chromate, dichromate and sulphide	in too	4 070	3.	Til Line -	lon)	ried at) a plos line the father the term	to per c
100 for cent, dear)	1000	1,032	25	61.5	626	53.4	586
Synthetic organic chemicals for photographic purposes, not elsewhere specified	_	-	_		rengius	dioxide;	nedrso Exclo
Synthetic organic chemicals	Th. cwts.	008		Th. cwts.	41	Th. cwts. 58.1	51
for tanners' use, not elsewhere specified	83.2	190	8	Th. line.	ne	Eigh blig m	Hydrog
Wood distillation products (except acetic acid, acetic anhydride, acetone, aluminium acetate, calcium acetate,		250	8	The time	anibu ans an ans and antoil	pai jampi graben kura edeka za Per Kalua (ar	Other Sepetra (buta propa
lead acetate and methyl alcohol)	Th. tons			AUT .	1 01	mysele zor	ashitt
Charcoal, other than	111. 0013	*   s#			SUL.	purose an	g indoeds
decolorising and activated carbons	0.3	9	1. 8.1	-	-	-	ente
Other, including iron acetate liquor	.55	_	.astro	ACHT .	-	aboung	noo beg
Zinc oxide	4.2	121	6	Th. tons	5	Th. tons	10
Fine chemicals, not elsewhere specified	Th. cwts.	158	- 20	Th. cwts.	e abiti	Th. cwts.	radio
Technical	5.7	131	5 0.8	37.5	179	36.3	176
Other, including analytical, reagents, research, and	or the "	188	ano.i	MT MA	aineca.	g antouist	
synthetic perfumery chemicals but excluding medicinal	2.6	142	8	37.9	201	43.1	193
Unclassified	47	16	.8765	2.2	48	2.5	34
Metallic organic compounds (naphthenates, linoleates,	9	1651	2.8	The Parks		The costs.	
resinates, stearates and like compounds) not separately		311		2.6		fled, incl	
specified, excluding metallo- organic medicinal compounds	1	69	5 0.0	2 - (932	ide (mur)	ning chier ning chier nromete	o bund

TABLE 9 (contd.)

TABLE 9 (contd.	(d)			1948 (a)		1937 (1	21	1075	(h)
		Produc		Sales		Product		1935 Produc	
Quantity Value		VJIJIEU	Quantity	Value	Entries	Quantity	Value	Quantity	Value
USU S 1 - SENO SIEL	000 8	STAC ST	Th. tons	£1000	No.		£'000		£1000
Chemical manufactu	res (conte	d.)						and the same	
		nd .					resins;	Dicos bas i	
Copper sulphate; salts; and tin			19.1	777	1.385	Ta. cuita	facilità de la constanta de la	ni ,ameiate co, bue asse	
Bismuth salts an	d		11 141.8				-films	edha .boz-	
compounds, excl	ium	8			15.7		331	toos eagle!	190
compounds, incl plating salts b	uding ut						olivaen	the solio	
not pigments; molybdenum comp		86.5	1	352	7		(%)	no balanim	
Calcium compound	a ather		er er		10.0	}	502	ord sorms an	
than acetate, c	arbide		1817	1.50	1		neran	as one and	
and cyanide (ni	trolim)		0.1	57	i sel	1 300.0	366	and a	
Metallic salts a compounds, not		ta .	11. 3		15.3		63)	ete saolui	
specified, excl	uding		11 11		5.00				
pigment colours titanium dioxid				2,533		3.	Line en	June de Leac	
Mitno colluloco	(0.01.1.0d.1.0)	anos "n	T The Land		enco .dT	The season	as self	<b>}</b>	1,895
Nitro-cellulose cotton), not in	tended for						anonia	nta peanta	IDani(
explosives; chethyl acetate;			2-6	1 1			- 0	1 超键	pourt se
chloride; and		2 00	In the second	I Setanb	IS.SI		1 1 013 F	one enon lin	112
disulphide				1,376	12		Tax a man	unter se	
Rubber accelerat		30, 5,751			0.75	ason	roceso a dass or	Commute a	Odo.
and rubber subs		275	m de		74		angas o	loage bears	2
(factice)		dang u	••	366	7		the su	att tangeon	Bilina :
Other chemical m	anıı–	***	A1		17.2		1,210	DEVIDES EURO	LEGA
factures, inclucream of tartar	ding		8 7		1	The 200	.019	esotati te	cwerte
plasticisers ot than butyl phth	her	70 1.8	14		0.441	2,004	berlias	designation of the state of the	100
and tricresyl p		mer		5,779	50		bassaso	amoios	Berto
Unclassified che	mical					1 1/2	344	Democra	0 00
manufactures			•••	745	20	-	-	- A Ger	009 -
Total chemical					2.0		100%	10.880180	DSA.
manufactures			1-1	20,505	••\$		4,240	app black of	4,250
			y 81	50	18.81			belliess.	ESAU

	24	1948(a) Sales		1937 Produc		1938 Produc	5(b) etion
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Plastic materials	Th. cwts.	£'000	No.	Th. cwts.	£1000	Th. cwts.	£1000
Liquid and solid resins, solutions, emulsions and dispersions, including polymers and co-polymers	235.7	2,546	18		mas (com	edshilles o	Coppe Coppe Salt
Sheet, rod, tube, film, foil and profile shapes	Total			Toma (	H	5 1975s no	mais
Cellulose acetate	13.7	535	6		wei Ti	dan tauna	mercial designation of the control o
Phenolics and cresylics (laminated only)	45.8	769	9		gaibe. Jui bas	omids, inc ing salts. Digmenss.	Jalq Jou
Vinyl chlorides	49.7	1,276	8	36.5	273	27.0	204
Other (excluding casein)	3.7	129	19		is, other	nuoquos nu	togac .
Moulding and extrusion materials		78-	- 1.0		epidte (crolim)	acetate; cyanice (c	lail bis
Cellulose acetate	13.3	264	5		42 800	edise ois	LE PEN
Other	35.5	410	11		eranweals:	Jos , abrico	imob oma
Total plastic materials		5,931			273	nuclos una	204
Other chemical products	Th. tons			Th. tons	Line Cine	Th. tons	0.001.006
Manufactured bituminous products					interestati	i son (no	ijop Lake
Bituminous emulsions, except emulsions for use as paint	12.5 Th. galls. 137 Th. tons	193	12	27.3	112	abings	Unite Dino Unite
Other bituminous compounds, except paint and manufactured mastic asphalt	17.2 Th. cwts.	324 101	35	127.2 Th. cwts.	416 13	194.0 Th. cwts.	670
Boiler compositions and disincrustants	17.1	76	14		47	3.0	35
Brewers' finings, etc.		64	8		11	desimerio Godi-Lacro	40
Ceramic colours and enamels, not elsewhere specified; and ceramic glaze	144.0	353 245	} 14	3.1	13	1.6	4
Earth colours, processed or powdered		6.7.40			an range on	de cettras	
Ochres	20	- 745	1			ractures	
Red oxides of iron	0.4	1				. 4.8	
Other earth colours, except black	2.0	7	••	11.4	11	10.2	BOT 9
Unclassified	18.9 Th. lbs.	96	18	Th. lbs.		(The 3 has	
Essential oils, other than turpentine	80.8	121	13	58.0	39	Th. 1bs. 86.6	63
DS 41674/1						3/4	

TABLE 9 (contd.)

	ctnent	1948(a) Sales		1937( Product		1935 ( Product	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Other chemical products (contd.)	1. and the second	£†000	No.	se tion	£1000	1000000	£1000
Flavouring compounds; and flavouring essences and	Kal dumanb	Va Milav		Talles	i solani	100	
dyes for foods, etc.	Th. cwts.	905	105	Th. cwts.	180	Th. cwts.	166
Iron oxides, chemically manufactured	41.3	1817.1		7,75	thong Tad	tace how-t	d feet
Inorganic pigment colours (pure or reduced), dry and in pulp form, not elsewhere specified	.8df .dt	306.3	. lbs. 6,577		Leotone	oscialo bei	
Iron blues	5.8	39	9		eparation	equation pr	
Chromium compounds, including lead greens	8,89 mi		. avs . 8.888		8	Durasub a	
and zinc greens	18.7	167	19				
Other	76.4	178	26	109.9	366	111.0	420
Synthetic organic pigments (pure or reduced)	tous tous	9,648	S.S.A.T			87,9(3)	Elizaer '
Pigment dyestuffs	70.6	924	18	1 5,000	spilgesij	e Jethard	titlete
Lakes and toners Lithopone, dry	28.9 Th. tons	326	15	Th. tons	24	Th. tons	19
Sulphonated oils, other than sulphonated alcohols	2.2 Th. cwts.	163	A.981	2.9 Th. cwts.	65	2.2	58
Vitreous enamels and frits	111.6	448 186	9	0.8	2	mied was	Leus 28
Blacks, mineral and carbon, including vegetable, lamp, acetylene, and bone black; and finishing materials for the textile trades,		9,974	0.5	8791	inal ka Ima	palana planation no form	s Sen
other than oils, (including gum, starch, etc.) not			1876				
elsewhere specified	••	186	5	Th. tons	136	Doi: 10	128
Purple iron ore	-	-	-	1.1	2		. Comment
Mastic and other adhesive cements; and pitch, other than coal tar pitch		568	89				113
Other chemical products, including case hardening		888		One (3	122	Jana Tubung	nedico imay
compounds		274	6	les,	accesea	goods and	Jacin
Work done for the trade or on commission	5-2	159(d)	11	· Carte	-	A THE COURT OF THE	- Some
Total		32,555	•••		6,072		6,179

<sup>(</sup>a) Great Britain only.
(b) United Kingdom.
(c) Ethyl ether (sulphuric ether) only.
(d) Amount charged.

### Sales (or production) in the trade of other than principal products

#### Larger establishments

TABLE 10

DS 41674/1

Place Servaterial	1948( Sale		1937 Product		1935 ( Product	
Links and solid reside	Quant1ty	Value	Quantity	Value	Quantity	Value
ced designation designation content acres	202 501 235.7	£1000	5, e3 wb5 .82	£1000	oge leboca	£'000
Coal tar and coal tar products	mle like	1,184	Th. lbs.	503	The liber	255
Drugs and pharmaceutical chemicals	Th. 1bs. 6,577	1,505 150	3,319	442	Th. 1bs.	491
Pharmaceutical preparations		216	6.2	159	arithads at	168
Dyes and dyestuffs	Th. cwts. 293.6	1,115	Th. cwts. 93.9	295	Th. cwts. 79.6	273
Perfumery, cosmetics and toilet preparations	1 82	324	A.8V.	26	ansens onl	22
Fertilisers	Th. tons 746.2	9,148	Th. tons 382.4	2,233	Th. tons 330.4	1,658
Disinfectants, antiseptics,	Th. cwts.	#850 	Th. cwts.		Th. cwts.	percis 9
and sheep and cattle dips and dressings	21.9	183 {	15.4	43 21	11.1 Th. galls.	26
Insecticides and weed killers	189.4	1,015 732	8.0	35	242	16
Bituminous paints and bituminous solutions and emulsions for	Th. galls. 1,018 Th. tons	88		nig salan	. Hate stamene	VI erreque
use as paint	0.5	33		andra capal	contact and contac	tuisai
Paints, pigments and extenders in paste form	149.7	743		Dista Pia	lebing date in	ill ons
Paints and painters enamels, ready mixed		33		184	Logo .dons	144
Varnishes and lacquers, not pigmented		41		avies	aro nori	righter 10
Other products of the Paint and Varnish Trade	1 .	338	ar a	*875	der tar produ	ands
Plastic goods and accessories, except garments	# 100 +	603	••	414	ing case hard	425
oras present as a series		ane se		16.48	to ito itself	ment no
		in the	. 38			
Telephone Control of the Control of			17 .vice (	inche admin	clo platine s mobanin be dia reduce p	1100 (c) 1100 (d) 2008 (d)

TARLE IO (contd )

	1948 Sal		1937 Produc		1938 Produc	
000/2	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	2,000	one enolysel	£1000	7 (sastunat	£1000
Powders and essences for beverages (excluding fruit juices, solid soft drinks, and coffee and chicory essences and extracts)	7.6	424	orting branch	I oniya addi	e worle	Reday of the second of
Soft drinks	Th. galls.	84 125		100 con	ope, etc.	in the same
Plant and machinery, including parts	olrios Likeo	758	etasano neda 457(a):	oj (ereren Iona Es	ales (or tra	ENDOT Tofata
Manufactures of rubber, except garments		508	706(2)	9658	generatent by	1.49 seles
Washing and scouring materials, other than soap	Th. cwts.	604	and rag bala	3,965	rat pastovn	1,947
Ink, stains, dyes and gums for the leather and allied trades	Th. tons	241	Lordonova, I	2001 Ville 2005 and Loca metric)	three ostables	star pra
Concentrates, metallic residues, wastes, etc.	13.5	94 44	denin is kerinin ye	ers, builder	des inoge	Total this
Other goods and electricity, steam, gas and water sold	••	9,974	deents for the second	t and other	resistan er e incluing	eressoner massarer
Work done		76 (c)	dad has (se	percel southers	ant apparant	reed manual
Total		30,383		8,320	é	5,425

<sup>(</sup>a) Great Britain only.(b) United Kingdom.(c) Amount charged.

#### Analysis of sales, 1948

#### Larger establishments in Great Britain

TABLE II

TABLE 11		
1948(s) (s) requestion Frequenties Frequenties	Sales	Percentage of total sales
antity   Value   Quantity   Value   Quantity   Value	£'000	10.1028
Sales (or transfers) to other organisations under the same control	ar e-oso	1.000
Productive works	18,526	9.9
Export sales organisations (including branches abroad)	7,624	4.1
Other wholesale or selling organisations	5,579	3.0
Retail shops, etc.	42	Soft drining . Styl
Total sales (or transfers) to other organisations under the same control	31,771	16.9
Sales to independent buyers	des second	director secures of full
Exports invoiced directly overseas	15,970	8.5
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	3,913	2.1
His Majesty's Government and Local Authorities (other than productive establishments)	9,369	5.0
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	96, 337	51.3
Wholesalers, merchants and other agents for resale	25,782(a)	13.7
Retailers, including multiple shops, caterers and N.A.A.F.I. for resale	2,603	1.4
Other businesses (including farmers) and institutions of all kinds	1,847	1.0
Members of the public, including employees	42	_
Total sales to independent buyers	155,862	83.1
Total	187,633	100.0

<sup>(</sup>a) Of this total £22,801,000 was recorded as divided between £3,816,000 for export and £18,985,000 for other sales.

# Production, exports and imports of certain principal products (a)

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2002 - 570			
	377	Production (b)	Exports (c)	Retained imports (d)
Service de la compromise		Th. tons	Th. tons	Th. tons
Chemical manufactures	2401 10.1 7881 10.1	1027 (1248   1037   1037   1037   1037	driers, barywes,	Tide metallo
Ac1ds	13,04.8	82.7	antou Boil .ete	mater personals
Nitric (in terms of 100 per cent. acid) (e)  Salicylic, B.P. and equivalent grades (f)  Sulphuric (in terms of 100 per ce	{ 1948 1937 { 1948 1937 nt. { 1948	197.7 83.4 Th. 1bs. 2,676 3,819 Th. tons 1,464.9	0.1 0.1 Th. lbs. 2,370 757 Th. tons 4.4	2.7 Th. 1bs. 2 74 Th. tons
acid) (e)	1937	1,025.9	3.2	0.5
Other sorts, not elsewhere specif	ied	£'000	£'000	£'000
Hydrochloric (as at 1.14 s.g.)	(e) 1948	1,467(g)	25	Briedonio End
Other	1948	4,705(g)	878	1,149
Total other sorts, not elsewhere specified	{ 1948 1937	6,172(g) 2,063(h)	904 376	1,149 495
Ethyl ether (sulphuric ether)	{ 1948 { 1937	Th. lbs. 2,269 1,360	Th. 1bs. 33 89(1)	Th. lbs.
Aluminium compounds		Th. tons	Th. tons	Th. tons
Alum (soda alum, potash alum and ammonia alum)	{ 1948 1937	8.0 7.5	4.0	0.1
Aluminium sulphate	{ 1948 1937	133.3	34.7 17.0	6.9
Aluminium oxide	8.201	BASE PARKS	beliloege enede	Pala lad decinal
Anhydrous, but not including abrasives	{ 1948 1937	64.7 (j)	0.1 15.5	- Carlotte
Hydrated	{ 1948 19 <i>3</i> 7	110.6 63.9 £'000	3.8 0.3 £1000	£,000
Other sorts, excluding metallic driers, bauxite, and abrasives such as alundum (k)	{ 1948 1937	468(g) 59(h) Th. tons	40 7 Th. tons	14 14 Th. tons
Ammonia liquor	{ 1948 1937	589.9(1) 336.0(1)	0.9	sprantelli
Ammonium compounds		PAGE 1	And hour box	Jank range
Carbonate and bicarbonate	{ 1948 1937	5.0 3.7	2.8	past sgnsro
Other sorts, except ammonium sulphate and ammonium phosphate	{ 1948 1937	132.4(g) 27.6(h)	110.9	0.1

Separation (a)	A	Production (b)	Exports (c)	Retained imports (d)
De Cons		Th. tons	Th. tons	Th. tons
(b) Exports (c) Laports (d)	nolabuboas			
hemical manufactures (contd.)				
Barium compounds, excluding blanc	anoi anT			
fixe, metallic driers, barytes,	1948	40.1	3.7	1.3
natural barium carbonate and pigments	1 1937	53.7(m)	6.2	2.4
Bleaching materials, including			4779, 1437 743	Acida
bleaching powder (chloride of lime),	W. 1. 200			
hydrosulphite and like compounds,	Y-TRA	1848		93. 311) - 09, 12 LV
hydrogen peroxide, sodium peroxide,	1948	135.5	26.9	0.3
percarbonates, persulphates, etc.	1937	131.9	43.6	2.9
frinch house and one and the country de note	0200	£1000	£1000	\$1000
Bromides, not elsewhere specified,	1948	204 (g)	31 (n)	7
including ethyl bromide	1937	86(h) Th. cwts.	25 Th. cwts.	The suite
3.0	[1948]	153.9	31.4	Th. cwts.
Carbons, decolorising and activated	1937	199.5	9.9	20.0
		Th. 1bs.	Th. lbs.	Th. lbs.
Chloroform	1948	3,993.0	386.6	Exo.Edopaby#
CHIOPOTOPH	1937	820.6	126.4	-
	NA VOREE	Th. tons	Th. tons	Th. tons
Copper sulphate	1948	33.4 (g)	24.5	
	[1957]	32.5(h) Th. 1bs.	28.9 Th. 1bs.	0.1 Th. lbs.
Bith 1	1948	9,409(g)	102	- 111.
Ethyl acetate	1937	4,243 (h)	33	0.5
	1000 10	£'000	£1000	£1000
Ethyl chloride	1948	503 (g)	23	and remain white
Address of the second s	1937	27(h)	mh tens	mì-
Formaldehyde, including solutions (in	AND	Th. tons	Th. tons	Th. tons
terms of 40 per cent. solution),	1948	68.3	3.9	DR RDORK 104 DE
and paraformaldehyde (o)	1937	15.9	0.5	0.5
AND CHARLEST TO STATE OF THE ST	TANK THE PARTY OF	٤'000	£1000	£'000
Gases compressed, including liquefied	1948	11,813(g)	344	59
and solidified	1937	2,532(h)	168	31 Th 3hc
Iodides, not elsewhere specified,	(1948	Th. 1bs.	Th. 1bs. 30.5(p)	Th. lbs.
excluding ethyl iodide	1940	51.4	16.1	142.0
1047 amin 1 4.00%	(,200,	18881	action the forms	1000000000
I odine	1948	113.9	97.5	643.1
COLLIC	1937	116.1	66.6	44.3
and demonstrate	0.20	mle action	me exists	- Bedarby Holy Co
ead compounds	0130132	Th. cwts.	Th. cwts.	Th. cwts.
	1948	227.3(g)	43.3	. Other sortes
White lead, basic carbonate, dry	1937	292.1 (h)	30.2	73.5
100 A	1.00	1 shert	10 ( Exp(20) But	DULB ESLEDIE
Lead oxides	VOLDER	Taket I		
	(1010	170 0/0	07.5	Account almost
Litharge	1948 1937	132.0(g) 142.2(h)	23.5 57.0	22.5
	(1937	140.0 (11)	ds	Ladino militoria
Other, including red lead and	1948	413.3(g)	90.2	
orange lead (q)	1937	18681	116.3	34.1
	,	ANDRE I		
Lead acetate	1948	40.1	5.9	other sorts.
	1937	1881 19	3.6	2.4
41674/1				

TABLE 12 (contd.)

	inornanana)	Production (b)	Exports (c)	Retained imports (d)
THE SWEET TO CHEEK	The cyta.	Th. tons	Th. tons	Th. tons
Chemical manufactures (contd.)			(00000) 233	
Magnesium compounds			31	longado majoten
8.2	(1048	0.2	(n)	
Chloride	{ 1948 1937	0.2 (r)	(r) 0.1	7.1 6.1
Other sorts, not elsewhere specified	{ 1948 1937	66.7 24.9	9.9 5.5	0.5 17.8
Potassium compounds	2) 787 (2	Th. cwts.	Th. cwts.	Th. cwts.
Iodide	[1948	3.2	2.4	<del>-</del>
Touride	1937	3.5	1.3	0.1
Chloride (muriate)	{ 1948 1937	1.5	(r) 5.9	8,760.7 1,329.2
Other sorts, not elsewhere specified	{ 1948 1937	678.3	98.5 53.5	413.1 2,349.2
Total potassium compounds other than potassium iodide	{ 1948 1937	677.8 145.4(s)	98.5 59.4	9,173,8 3,678.4
Sodium compounds	u) e 36 1940	Th. tons	Th. tons	Th. tons
Bicarbonate, carbonate (including soda crystals and soda ash) and caustic soda (t)	{ 1948 { 1937	1,619.7 1,523.9 Th. cwts.	335.3 381.2 Th. cwts.	0.1 1.2 Th. cwts.
Chromate and dichromate	{ 1948 1937	232.1	24.6 25.6	2.2 34.4
Phosphates	{ 1948 1937	545.6 124.0 Th. tons	93.9 24.5 Th. tons	35.9 Th. tons
Sulphate, including salt cake	{ 1948 1937	94.1 (g) 99.2 (h)	19.9 40.1	0.1 3.6
Cyanide, nitrate, nitrite, and silicate (water glass) (u)	{ 1948   1937	103.9 (r)	22.0 26.9	44.7 (V) 41.8
Other sorts, not elsewhere specified	{ 1948 1937	194.4(g) 198.4(h) Th. cwts.	30.3 15.6 Th. cwts.	1.9 6.4 Th. cwts.
Synthetic organic chemicals for photographic purposes, not elsewhere specified	{ 1948   1937	3.6	22.5	3.0
Tartar, cream of	{ 1948 1937	12.3 (W)	3.8 9.8	0.2
Tartrates, not elsewhere specified	{ 1948   1937	3.9 58.7 Th. tons	2.4 2.4 Th. tons	0.1 Th. tons
Charcoal, other than decolorising and activated carbons	{ 1948 1937	7.2 8.1	0.4 1.7	12.5 25.5
Zinc oxide	{ 1948   1937	61.8(g) 52.2(h) Th. cwts.	14.2 15.0 Th. cwts.	0.9 Th. cwts.
Cadmium compounds, including plating salts but not pigments	1948	2.8	0.6	in poly solp   chell folc;   sold

TABLE 12 (contda)

TABLE 12 (con				1	7 A. ** 3 L. S.
La	Expopres (9)		Production (b)	Exports (c)	Retained imports (d)
कारत भार	The tons	agoa am	Th. cwts.	Th. cwts.	Th. cwts.
Chemical manufact	ures (contd.)			tures (contd.)	Datumen Included
Calcium compound	is			and the	rano mril nemen
Acetate		§ 1948	9.4	(r) 0.2	1.3
2000000		1937	New Management		12.5
Carbide		∫ 1948	Th. tons 95.5	Th. tons	Th. tons
		1 1937	£1000	0.4 £1000	63.0 £1000
Other sorts, i	not elsewhere specifi Lcium cyanamide (nitr	ed, {1948   1937	1,737(g)	97 (x) 49	6 33
DESCRIPTION OF CRA	8.8	(4040	Th. cwts.	Th. cwts.	Th. cwts.
Tin oxide	Est	1948 1937	8.1(g)	7.7 7.1	3.7
Nitro-cellulose	(collodion cotton),	1948	Th. tons 4.6(g)	Th. tons	Th. tons
Plastic materials	or explosives (y)	1937	Th. cwts.	O.6 Th. cwts.	1.2 Th. cwts.
Casein sheet, n	od. tube. film.	** 1.1927	V891 4	9-9	petitions
foil and profil	e shapes (z)	1948	39.1(g)	2.4	Jog Eco.1
Cellulose acet	crusion materials	1948	62.2(g) (aa)	11.4 (bb)	4.6(bb)
Phenolics and		1948	462.3(g)	45.8	49.8
Other chemical pro	0.000	9.888	10000 (8)	is and solt edge.	darro eres sea dijares
Blacks, mineral vegetable, lamp black (cc)	and carbon, includin, acetylene and bone	g { 1948 { 1937	115.6(g) 71.8(h)	23.8 14.3	948.5 492.1
	and enamels, not	124545	£1000	£1000	£1000 2
elsewhere speci		1948	743 (g)	Th. cwts.	Th. cwts.
Ochres	rocessed or powdered	1948	Th. cwts.	14.5	43.4
Red oxides of	0.98	1948	443.9(g)	113.4	31.4
	The state of	1.5	TOTAL STREET	(H) (18018 1938	26.0
<b>制度</b>	lours, except black	1948	198.5(g)	48.6	0.03400 0000000
or powdered	colours, processed	{ 1948 1937	774.7(g) (dd) 619.8(h)	176.5 139.7	100.7 274.7
Essential oils,	other than turpenting	e 6.8	2001	don respirate	alingsresounts
Natural, inclu	ding mixtures of natu	ural	Th. 1bs.	Th. lbs.	Th. 1bs.
Terpeneless,	or sesquiterpeneless	\$\begin{cases} 1948 \\ 1937 \end{cases}	9.9(g) (r)	12.1 353.8	30.6 44.0
Other	6.72	{ 1948 1937	667.1 (g) (ee) 207.0 (h)	387.0 175.9	2,961.8
Synthetic		{ 1948   1937	295.0 (g)	205.5 516.0	25.9 130.3
Flavouring essen	ces and dyes for food		£1000	£1000 .	£1000
Flavouring ess	ences	1948	2,356(g)	710	Eline online
Dyes	CONTROL OFFI	1948	271 (g)	158	13
		2020			13

TABLE 12 (contd.)

12052-12 (const.)	lishments	Production (b)	Exports (c)	Retained imports (d)
(a) 3881 . (d) 7881		Th. cwts.	Th. cwts.	Th. cwts.
Other chemical products (contd.)		TEGAMANA MEDA	op purchases ass	
Iron oxides, chemically manufactured	1948	1,554.4 (g)	65 • 4	5.7
<pre>Inorganic pigment colours, not elsewhere   specified (pure or reduced), dry and in   pulp form</pre>		toong of the proof		
Iron blues	1948	32.6(g)	10.6	Materials.
Chromium compounds (including lead greens and zinc greens)	1948	164.2 (g)	22.8	3.0
Synthetic organic pigments (pure or reduced)	{ 1948 1937	211.2 (g)	28.8 10.9	0.1
Pitch, other than coal tar pitch	{ 1948 { 1937	Th. tons 3.7(g) 5.1(h)	Th. tons 1.4 10.5	Th. tons 2.5 2.1
Sulphur	{ 1948 1937	Th. cwts. 471.0(g) 336.4(h)	Th. cwts. 77.9 2.0	Th. cwts. 6,954.7 152.2
Ground barytes	1948	Th. tons 6.2(g)(gg)	Th. tons	Th. tons 9.9

(a) Figures of sales (or production) refer only to larger establishments in Great Britain (1948) or the United Kingdom (1937). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

Including production by establishments classified to other trades.

Valued f.o.b.

Valued c.i.f. The oversea trade figures relate to "Nitric acid", "Sulphuric acid" and "Hydrochloric acid" respectively.

The oversea trade and the 1937 production figures relate to "Salicylic acid, including salicylates".

production for sale.

The figures shown have been calculated on the basis of 311 gallons to the ton.

Included with hydrated aluminium oxide.

The oversea trade and the 1937 production figures are not specified as excluding metallic driers.

Returned in terms of 880 Ammonia.

Including blanc fixe.

Including ethyl bromide.

The oversea trade and the 1937 production figures relate to "Formaldehyde, whether in solution or polymerised".

Including ethyl iodide.

The oversea trade figures relate to red lead and orange lead only.

Included with "Other sorts".

Including some potassium and sodium nitrate mixtures.

The production figures for both years record soda ash on the basis of 580 and caustic in terms of 760 E.

The production figure records silicate in terms of solid glass.

Excluding silicate.

Included with "Tartrates, not elsewhere specified".

Not specified as excluding calcium cyanamide (nitrolim).

The production figure records collodion cotton on the basis of net undamped weight and the oversea trade figures relate to "collodion cotton, wet".

(z) The oversea trade figure includes artificial horn and the like.

(aa) Excluding the output of textile firms.
(bb) Including butyrate.

(cc) The 1937 figures exclude mineral blacks. The 1937 production figure also excludes blacks from natural gas. (dd) Including 19,000 cwts. unclassified earth colours, processed or powdered.

(ee) Partly estimated. (ff) Including £1,293,000 unclassified flavouring essences and dyes for foods, etc.

(gg) Excluding ground barytes produced at mines and quarries.

#### CHEMICALS AND ALLIED TRADES

#### Purchased materials and fuel Larger establishments

TABLE 13	that an endant firm	1001	14-0000-1				T MARKET	(6)	
Ta, owte.			1948	(a)	1937 (b)		1935 (b)		
			Materia fuel pu	als and archased	Usage of	purchased	materials a	nd fuel	
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
			Th.proof galls.	£'000	Th.galls.	£'000	Th. galls.	£' 000	
Materials			Barro	50 F			a subsection	oat	
Alcohol			3 1545	31/19/	(a) Nast mal	97 (X)	askino	WAY.	
Ethyl alcohol			164	1993h Carlo	120	greensh	ens and ainc	TB.	
Duty paid		(a) s	96	997	1	18ments	nicic organic	dange tug)	
Duty free, oth spirits	er than methylated	(8) 7	22,077	2,912	602	Cons 1.0 0.6 g Tay 180	nedi regio	doute	
		/m)/T	Th. bulk	Sas faul merce		CHAS.	THE ONE		
		(a) 0 (a) a	galls •	194	7,036	518	4,761	336	
· Methylated spiri mineralised)	ts (industrial or	25	1,324	291		(c)		(c)	
mineralised)		g1791 =	Th.proof	291	Land.	Little	- sarkasa i	10030	
Mo thy 100 100 10 105		eaner	galls. 17,523	991	helen (neince	condino) -	sias do mago	(a) Fi	
me unyl alcohol		1	bers neede tred	315	of 338 308 ext	enolete	J ESTIBLI OF	7	
Barytes			Th. tons 94.8	516	Th. tons	57	Th. tons	50	
	nd "Hydrochloric ac	ald* s licyll	Th.galls.	Thins of the	Th.galls.	ie figurus le and the	Th. galls.	(e) (T)	
Benzoles, refined motor benzole)	(in terms o.		4,873	433	1,038	83	584	44	
		13 8000	Mo tone	0.00 900 00	oblivo emistro	(d)	ida sonia i	(d)	
Chromium ore		Deri	Th. tons 27.7	275	Th. tons 16.9	65	Th. tons	51	
Coal tar, crude (or 5 per cent. water	the basis of					eri e Selentis	oneid Salbul: fuois saltui:	al (m)	
crude tar oils	Confection, and	001.500	3.8	19	10.4	31 (e)	4.1	9 (e)	
Iodine, crude		+0.4	Th.lbs. 243	104	Th.1bs.	50	Th. 1bs.	34	
Fiva Peh Toverdes)		sts o	Th. tons	200 8 079.00	Th. tons	overnalise Transport	Th. tons	(1) (1)	
Lead	enagurerpassives.		17.3	1,574	9.9	249	10.3	135	
Phosphate rock (min of lime)	eral phosphates		166.7	561	88.9	156	74.5	116	
Pyrites			110.3	316	199.0	258	172.0	210	
Spent oxide			153.2	321	124.8	157	111.9	141	
Sulphur, crude		teeq !	296.0	2,782	110.8	489	81.3	365	
Tin		1 201	0.5	256	0.4	105	0.4	93	
Toluoles, refined (	(in terms of		Th.galls.	up tos sec	Th.galls.		Th. galls.		
90's toluole)			682	93	152	17	159	16	
Zinc (spelter)			Th.tons	2,851	Th.tons	958	Th. tons	595	
DS 41674/1							3/49		

TARIF 13 (contd.)

O VELDASON JEOO VELTASIO JE	1948	(a)	1937 (1	0)	1935	(b)
000.13 0	Material fuel purc		Usage of pu	urchased	materials a	nd fuel
disertals (energy)	Quantity	Cost	Quantity	Cost	Quantity	Cost
		£'000	th emet at	£1000	la Jeneland	£1000
terials (contd.) Essential oils	Th.lbs. 1,701	1,094	Th.lbs. 895	231	160258 00	(f)
Packing materials	वे राज्यात	6,609		1,414	3000000000	
Acetone	Th. tons	446	ther than		outbut music	389
Bauxite	251.8	1,069			Co Salesara	
B1 smuth	Th.lbs.	178	3388 30		satus ecapo	Foq Isb
Bromine	Th.cwts.	40			(Dinas	100
Chlorine	557.4	468			purotano m	Lbris.
Coal (other than for use as Coal (other than for use as fuel)	Th.tons 521.7	1,412	a Legavino en		ni siènece	AL BEST
Coke (other than for use as fuel)	419.2	1,675	Pes to stas		nze shoa but	
Copper	2.6	310	to ala		abos pass	10
Creosote oils (including anthracene oil)	Th.galls. 38,630	1,236	10 ala		Dios oltun	HARA .
Cresols or cresylic acid	2,224	551			30,10	12.13
Dye intermediates	1.00				nieaso d	Rett
Made from coal tar primary products	Th. cwts. 25.1	478		(f)	Loso oceta	(f)
Other	1.2	33				
Formaldehyde, including solutions (in terms of 40 per cent. solution)	Th. tons 46.5	990	(E) Less en	70 8010	anl	o In acc
Glycerine	Th. cwts.		Sunday.		areale1	Plan
Crude	6.7	47		20	des esales	112
Distilled	7.8	54	1 13, 255 1	1, 11	B, ARULTES	a the same
Unclassified	12.9	75			127 E. S.	1.05
	Th. tons		ina ku		THE PART OF	(ball
Hydrochloric acid (as at 1.14 s.g.)	15.0	117	200,00000			Contraction of the Contraction o
Lactose	Th.cwts.	4			enegg as	Froogs
Limestone and lime	Th. tons 1,936.6	1, 568	8703684	225	200,000	book and
Molasses	Th. cwts. 2, 164.3	1,438				

	1948	1948 (a)		b)	1935 (	(b)
	Materia fuel pu	ls and rchased	Usage of p	urchased	d materials and fuel	
(0) (01	Quantity	Cost	Quantity	Cost	Quantity	Cost
SPECIAL WEST AND SECURED INC. TO TOPOCH .	Th. cwts.	£' 000	Transmit of all	£' 000	ekinen ana	£'000
Materials (contd.)	TEN WE	TO LOS TO THE				
Naphthalene, all grades (in terms of 66°C. salts)	174.5	113		1000	(soffice) sign	1787 EM
128 388	Th. tons	是 1			allo isim	Esse
Nitric acid (on the basis of 100 per cent. acid)	27.6	539		1	Lairesen ani	Fack
	Th. galls.	a in				
Petroleum hydrocarbons, other than lubricating and fuel oils	4,613	323			5.00	USOA
Potassium compounds	Th. tons	1, 134			931	Baux
Salt and brine (in terms of salt content)	2,958.2	980		entre control de la control de	BULL	Did.
Sodium compounds				312	4.761	
Bicarbonate	5,6	44			9217	OLEGEO.
Carbonate, including soda crystals and soda ash (on the basis of 58°)	166.6	1,202	es fuel)	98M 101	nant samo)	LEGO
Caustic soda (on the basis of 76°E)	75.9	980	1,473,94,753		Learn Territor	eggos \
Sulphuric acid (on the basis of 100 per cent. acid)	216.7	1, 423		affbulor	the tons	osto
Zinc dust	5.2	438	}	(f)	estio to sac	(f)
Rennet casein	2.1	360			in termed late	gyd
Cellulose acetate flake	2.2	596	dermode Ate	ning net	Lear goat les	sM
Hexamine	Th. cwts. 27.6	196			1979 400	30
Carbolic acid, crude or crystal (g)	266.6	1,444	(no) rul	re Lating	red of toles	193
Plasticisers	13.00	olith. A. B.		(6)	Di. 15s. achie	(e)
Phthalate esters	52.7	555			12.55	717
Other	42.5	387		302	DECTORS TO	186
Phthalic anhydride	10.2	48			betttesst	αŪ
Urea	159.1	263		1.723		MAR
Thiourea	2.1	21	(13.8.41.1	if sal t	ise singling	пБун
Process papers	102.5	420		12/2	200	dual.
Wood flour	Th. tons	201		205	11.848	10%
	11.7	201	,	30	Pioseis.	realization of
	Strate Til				150 8481	afon
			THE PERSON NAMED IN		and the same	

TABLE 13 (contd.)

	1948 (	4)	1937 (1	0)	1935 (b)		
	Material fuel pur		Usage of pu	urchased n	materials and	i fuel	
ABLE 18	Quantity	Cost	Quantity	Cost	Quantity	Cost	
(9) 3882 (0) (0883	Th. cwts.	£' 000	intog. of page	£1000		£'000	
Materials (contd.)	ons alsinot		Total la	Supply Supply		1876	
Plastic materials	UNESEL ING AN		-			400	
Synthetic resins, including polymers (in terms of gross weight)	7800   V218	ES ATT					
Vinyl	36.4	355		Da goo) Ad	id electrici	e terr	
Other	140.2	1,331	degy, met	now" (Long	eg) tlange t	great.	
Moulding and extrusion (including impregnated) materials				99151day	page TPl be	613 <u>.66</u>	
Polyvinyl chloride, unplasticised	30.4	467	1,935.00	ug Tosteg	rauto the bu	altes	
Other	4.9	70	/esososos	gntbutent	lest its t	920	
Sheet, rod, tube, film, foil, blanks and profile shapes	Parest.		8,598		and American St.		
Acrylic	10.1	251		11,654			
Polyvinyl chloride, plasticised	0.7	9 3	v.lague	11,054	or beighted	12,651 (h)	
Other	1	229			175		
Solutions, emulsions and dispersions (in terms of gross weight)	194.5	795	bas corrup	riadzo as	to besidoro	24000	
	Th.sq.yds.	10.00	agges under	Chiga an	obtained th	2.505.2	
Cotton plece-goods	4,007	348		Mas			
Water charges (g)		453		1904			
All other purchased materials	58	47,967		Lett tet	enoting media	LIA	
Unclassified materials	115,81	Will dorde		1,625	est jeton	_	
	Th. tons		Th. tons	oun bas	Th. tons		
Fuel and electricity	88	-629	III. COIIS	absocia	in. cons		
			bus smo'su	in syle	Core) Inser		
Coal	3,192.3	8,340	2,955	2, 519	2,480.5	1,799	
Coke	289.5	1,065		(f)	172.9	165	
Electricity purchased (1)	Th.B.T.U. (kW.hrs.)	eg not a	Th.B.T.U. (kW.hrs.)	Somoo A	Th. B. T. U. (kW. hrs.)	to (e) 1044 (o) 10 - 45)	
From public supply	1 227 670	3,916	refined".	.e.Cosmod	sortfed as	d (p)	
	1,227,672		Paperto	eledesess	behinger J	)V <sub>200</sub> (1)	
From other sources	108,611	321	577,464	785	384,590	591	
Electricity obtained from other works under the same ownership	401, 322	807	a least transit	ALLE OF S	000,100 eg	10 1120 L 471	

### Stocks of finished products and work in progress and stocks of materials and fuel, 1948

#### Larger establishments in Great Britain

		At beginni	ng of year	At end of year		
		Quantity	Value	Quantity	Value	
(n)aser (h)yser (h) (a)yser (h) (a)	seri (b) yser 1, 18	Th. tons	£' 000	Th. tons	£' 000	
Finished products						
Sulphuric acid (on the basis of acid)	100 per cent.	33.5	190	33.7	194	
Sodium compounds	18 . 883 . 1 61	51.7	497	92.2	1,071	
Zinc oxide		1.5	50	2.1	122	
Other finished products		22.2 L. S.E.C.	7,275	80%	9, 585	
Work in progress		enia ani s	1,685	233-2	2,224	
Total finished products and w	ork in progress		9,698		13, 196	
937 84, 949 8, 870 T 8, 870 T 84, 8630	808 486.8	Th.proof galls.	7 008 04 7	Th.proof galls.	agastasa.	
Materials and fuel		AND THE PROPERTY.				
Alcohol (a)		0048 88484 +	7.00	224 239-11		
Ethyl alcohol	Seving Ja bevota	388	119 19	388	107	
SHIANS		Th.bulk galls.	DOKAZAGARAN	Th.bulk galls.		
Methylated spirits (industrial mineralised)	or as is a	31	altimate 6	39	9	
		Th. proof galls.	1848, Octobe se semejos at	Th.proof galls.	s asometh for	
Mothyl alashal		Sadragem unit	sometimen of	479	23	
Methyl alcohol		536	23 {	o enam tares	6	
		Th. tons	DEPREMENTANT	Th. tons		
Zinc (spelter)		5.5	230	4.5	292	
	esvidereq0	Th. cwts.		Th.cwts.		
Plastic materials	188 41	7.7	113 26	8.8	118 15	
	areat	Th. tons	repair of if	Th. tons		
Coal (a)		430.1	1,029	340.0	877	
Other descriptions of materials	and fuel	Harw-Bes. Swant	19,303	TOWN BUREAS	23,011	
Total materials and fuel			20.866		24, 471	

(a) So far as recorded separately.

TABLE 13 (contd.)	7007 A 500 F	mano II	September 19	Tour	The second of the second	
	1948	(a)	193	57 (b)	1935 (b)	
	Materia fuel pu		Usage of purchased materials and fuel			
State sales) states in torse or	Quantity	Cost	Quantity	Cost	Quantity Cost	
Fuel and electricity (contd.)	Th. galls.	£' 000	Th. galls.	£' 000	Th. galls. £'000	
Motor spirit (petrol) and derv. fuel	tectt dosad	le l		-	Other .	
Used for road vehicles	3,071	277	(meluding)	(f)	bosediyami (f)	
Used for other power purposes	814	36	les to Liza i qui	lort de,	Polywinyl di	
Other oil fuel (including creosote/ pitch mixtures)	28,975	1,062	2, 534	43 (j)	2,444 42 (J)	
Cas purchased from public supply	Th. therms 4,697 Th.cu.ft. 67,726	176 17 42		lorides	Accylic Polywingl di plasticism Ottar	
Gas purchased from other sources and gas obtained from other works under the same ownership	Th. therms 1,673 Th. cu. ft. 1,959	39 4 30	miersiili b (ddg	(f)	me activities (f) to suns ni)	
All other purchased fuel	884	338	••	403	(f)	
Total  Less Customs and Excise rebate and drawback receivable in respect of alcohol	300	115,914 361		21,867	17,443	
Total (exclusive of Customs and Excise rebate and drawback receivable in respect of alcohol)	048.8 8.8	115, 552		21, 867	17, 443	

- (a) Great Britain only.
- (b) United Kingdom.
- (c) Described as "Alcohol (on the basis of 100 per cent. ethyl alcohol)".
- (d) Described as "Benzole, refined".

  (e) Described as "Coal tar, crude".
- (f) Not recorded separately.
- (g) So far as recorded separately.
- (h) Including fuel not specified separately.
  (i) The total quantity of electricity consumed in 1948 was 2,676,470,000 B.T. units including 938,865,000 generated in the same works.

(ii) Government Departments (a)

#### Employment and remuneration 10 833038

#### Larger establishments

#### (i) Private Firms (a)

#### TADLE IE

IABLE 15									
	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
000-18	1948(c)	1937 (d)	1935 (d)	1948(c)	1937 (d)	1935(d)	1948(c)	1937 (d)	1935(d)
Males								879180707	B 138 E112 V
Under 18	1,786	2, 115	1,558	675	404	287	2, 461	2,519	1,845
All ages	63, 203	38, 332	34,982	17,501	7,293	6,613	80,704	45, 625	41,595
Females	a sent orde	06	1 1	18,071	27			shixe	onts
Under 18	402	550	392	1, 538	501	263	1,940	1,051	1940 655
All ages	5, 428	2, 535	2, 235	8,812	2,691	2, 304	14, 240	5, 226	4, 539
Total		898.8			termong at	frow bn	arosoddi s	edeinii is	02 (0)
Under 18	2, 188	2,665	1,950	2, 213	905	550	4, 401	3, 570	2,500
All ages	68,631	40,867	37,217	26,313 (e)	9,984	8,917	94,944 (e) (f) (g)	50,851	46, 134
Total remuneration	&' 000 23, 416	••	••	&' 000 12, 524	• •	••	£'000 35,940	(0) 1	onopia.:

(a) Excluded employees. The following numbers were employed at private establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers

127 males

1,294 females

Other workers

2,044 males

350 females

- Number at September 25, 1948, October 16, 1937, and October 12, 1935.
- Great Britain only.
- United Kingdom.
- There were, in addition, 15 male working proprietors in 1948. Working proprietors are included in the 1937 and 1935 figures.
- The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £770,000.
- The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

Operatives

Administrative,

technical and

clerical employees

Transport of goods outside the premises

1,251

Maintenance and repair of firms' buildings, but not plant

1,016

Research work not directly connected with current production however charged

657

outworkers in 1948, the amount paid to them being \$2,000. Similar information is not available for 1937 and 1935.

Operatives

Administrative, technical and clerical employees

Transport of goods outside the premises

respect of these workers amounted to £50,000.

(b) Number at September 25, 1948.

Maintenance and repair of firms' buildings, but not plant

376

Research work not directly connected with current production however charged

In addition to the employees in the above table the Government Departments in this trade employed 3 male outworkers in 1948, the amount paid to them being less than £500.

In addition to the employees in the above table the private firms in this trade employed 18 female

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TABLE IS (contd )

TABLE 15	conta.)	ests, tot accu	com antalacci	ajnemielidajel				
	sq nod Jeve	numer Launcu		Average number of operatives		Administrative, technical and clerical employees (b)		
That said	nammor.	DateM reduces	bnoses.	1948	atgen:	1948	1948	
Males				06013	000/3			
Under 18			23	53		12 10 10111111	65	
All ages		8.39	0.33	4,674	880,88	532	5, 206	
Females							alrefatia.	
Under 18				12	Vee, st	14.	26	
All ages	THE THE NEW	1.85		161	036.05	211	372	
Total				THE RESIDENCE OF THE SECOND	s south		Copi (6)	
Under 18				65		26	91	
All ages	inse for th			4,835		743	5, 578 (c) (d)	
The types	uch reserv	all today		£'000		£'000	£' 000	
Total remun	eration			1,637	195	373	2,010	

(a) Excluded employees. The following numbers were employed at Government establishments in this trade but are not included in the table or in any other report:-

Canteen workers

4 males

The employers' share of contributions to all National Insurance Schemes payable during the year in

The following persons (included in this total) were employed on special work by establishments

133 females

Other workers

151 males

3 females

employing 100 or more persons:-

# Wages and salaries paid, 1948 (a) Larger establishments in Great Britain

TABLE 16

TABLE 10							
	Amount	Est	ablishments	making retu	urns for the	calendar	year 338AT
	paid by all	Amount	Per	centage of	annual remur	neration pa	id in
1949.00 1948	establish- ments	paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year
	£'000	£'000					Males
Wages and salaries of	2,415	3,,235,, 3	Bress (	100 · 1	111 1111	2,11	81 Tabilla
Operatives	25,053	20,078	24.2	25.0	25.3	25.5	100.0
Administrative,							asisma
technical and clerical employees	12,897	10,700	23.9	24.5	24.7	26.9	100.0
Total	37,950	30,779	24.1	24.9	25.1	26.0	100.0

(a) Including bonus and commission payments.

# TABLE 17 - Payments for work done on materials given out, 1948 Larger establishments in Great Britain

The total amount paid for work done on materials given out was \$461,000.

Larger establishments in Great Britain

TABLE 18

IABLE 18				and the second s
	anothla	Lupua Ebuland	Wales . 1	Amount paid
Disposals	Second-nand	Well 1 000	R*000	£'000
Repair and maintenance	00013	00012	7,000	tore Tables
Of buildings	riale dica on	4.61	A tama topic r	358
Of plant, machinery and veh	icles		4,088	1, 250
Unclassified			- B. W	1,068
Hire of plant, machinery and	vehicles	diture on bullet	tania itai laab	467
Advertising and market resear	ch,	i utnonna idataa		
Advertising in newspapers,	magazines and perio	dicals	\$1000	220
Other advertising services and market research	(poster display, de	spatch of circulars	s, etc.)	114
Unclassified	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		w anthibid no en	360
Payments made for research wo	ork		(d) bns I bns e	2. Skieting billining
To research associations		ds bought	logiers to Jaco	Indiano - (27
To universities, institution	ons, academic bodies	and similar agenci	lesto sulav 1835	den beganta 32
To other commercial concern	ns	wir accupied in the	Ced Coperty no	165
Postage, telephone, telegrams	s and cables		Salas / Salas	468
Commercial insurance premiums	518		the real parties of	
Rates (excluding water rates)	payable in the year	r 170, 279 20	Total los heads	267

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#### Plant, machinery and vehicles acquired and disposed of, 1948

#### Larger establishments in Great Britain

#### TARIF 19

_	TABLE 13				
LamonA .		Acquis	for the calendar	100000000000000000000000000000000000000	
ΩÍ	19	New	Second-hand	Disposals	
	Plant and machinery	£'000 10,878	£'000 2,540	£1000 867	
90	Vehicles	908	255	117	C.S. C. C.S.
	Total	11,786	2,796	983	

#### Capital expenditure on building work and changes in occupation of buildings and land, 1948

#### Larger establishments in Great Britain

TABLE 20		28.07.1 100.10
(a) Droi Market bosses and the College of the Colle	£1000	£1000
1. Capital expenditure on building work (a)		2,417
2. Existing buildings and land (b)	research world	Payments made for
(1) Capital cost of freeholds bought	400 20010350	To research asso
Estimated capital value of the same and the same and the same same and the same same same same same same same sam		
(11) Rented property newly occupied in the year (c)	745	To other commerc
(111) Leasehold buildings and land newly occupied in the year	<b>528</b>	Commercial Insuran
Total of heading 2	ater rates) payable	1, 674
Total of headings 1 and 2		4,091
3. Existing buildings and land relinquished (d)		
(i) Selling value of freeholds sold	86	
(11) Estimated value of other properties relinquished	112	
Total of heading 3		198
4. Headings 1 and 2 less heading 3		3,893

(a) Excluding site value which, where appropriate, is included in heading 2(1).

The figures do not reflect changes in ownership of previously occupied land and buildings.

Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.

(d) Including property destroyed or abandoned.

#### Summary Larger establishments

4	-	650	•	п
А	и		2	ш
м	2	4	_	ш

1 CA

Description Water Sections	England	Wales	Scotland	Great Britain
Gross output (production)	£'000 168,201	&'000 11,070	£'000 7,974	£'000 187, 245
Cost of materials and fuel used	100,229	7,017	4,702	111,948
Payment for work done on materials given out	461		-	461
Net output	67,511	4,053	3, 272	74,836
Wages and salaries of persons employed	33,724	2, 273	1,953	37,950
	No.	No.	No.	No.
Average number of persons employed (a)	88,744	6,071	5,722	100,537
Net output per person employed (a)	£ 761	£ 668	£ 572	£ 744
Stocks at end of year	£'000	ี่ ร.000	£'000	£'000
Finished products and work in progress	11,986	672	539	13, 196
Materials and fuel	21,583	1, 224	1,664	24, 471
Number of establishments	No. 440	No.	No. 50	No. 510

(a) Excluding outworkers.

The values of gross output and of materials and fuel used are derived in the following way:-

Alim (sods alim, posses) 5.8	England	Wales	Scotland	Great Britain
Output of firms in this trade	£1000	<b>జ</b> .000	£'000	£'000
Total value of sales (see Table 23)	170, 278	10,960	8,039	189, 277
Adjustment for changes in stocks and work in progress	+ 3, 237	+ 155	+ 107	+ 3,498
	173, 515	11, 115	8,146	192,775
Less payment for transport by other firms	5, 314	44	172	5, 530
Gross output (production)	168, 201	11,070	7,974	187, 245
Materials and fuel used by firms in this trade	A Light Const			
Purchases (see Table 24) (a)	103, 198	7,342	5,011	115,552
Adjustment for changes in stocks	- 2,969	- 325	- 310	- 3,604
Materials and fuel used	100, 229	7,017	4,702	111,948

(a) Excluding Customs and Excise rebates and drawbacks receivable in respect of any materials on which duty was paid.

#### Summary

#### Small firms

TABLE 22

		and the second second second second second	Approximately and the second	allege programme and the second			
Great Enitain	Scotland	Males	ingland	England	Wales	Scotland	Great Britain
Number of ret	turns		1084691	217	2	(16160000	235
Average number	er of persons	employed (a)	953,00	SOP I	27,000 bes	u leut bus ale	treism to pact.
Males			461	987	9 18178	47	1,043
Females			116,778	319	1. 19 F	18	337
Total	COE 11		100	1,306	9	65	1,380

(a) Including working proprietors.

#### Sales in the trade

#### Larger establishments

TABLE 23		The special				10.00
and an cons	England Wales	A SHARE THE REAL PROPERTY OF THE PARTY OF TH	Scotla	and	Great B	ritain
Commence of the Commence of th	Quantity	Value	Quantity	Value	Quantity	Value
	Th. lbs.	ล•000	Th.lbs.	£'000	Th.lbs.	£'000
Principal products		00	1 3.0		91550559	
Chemical manufactures		5 6 18 1	-		Binds	
Acids	4 280		The second		sensasio yns	
Salicylic, B.P. and equivalent grades	1,571	140	20000 215	_	1,571	140
Chilabanda (An tanna of	Th. tons		Th. tons		Th. tons	
Sulphuric (in terms of 100 per cent. acid)	903.4	5, 525	130.7	835	1,034.1	6,360
Other acids, not else- where specified, includ- ing hydrochloric, nitric			estod rut			
and nicotinic		5, 432	••	364	••	5,796
Alcohols and alcohol ethers, not elsewhere specified,			0.28		ebrassias	
except ethyl alcohol	••	. 3, 441	-	20 Links	ul deseron	3,441
Aluminium compounds				210000	é jeuriois	mores)
Alum (soda alum, potash alum and ammonia alum)	8.2	150	minit-	-	8.2	150
Aluminium oxide						oggi (St.
Anhydrous, but not including abrasives					64.9	1,641
Hydrated					19.8	385
Other sorts, including aluminium sulphate, but excluding metallic driers, bauxite and		58748	and an		-mestr 300	CANTON CONTRACTOR
abrasives such as alundum		(a)		(a) <	•••	1,686
Ammonia liquor (in terms of 880 Ammonia)			1,0000.00		235.4	2,076
Ammonia compounds		100	8,000		14 1 Sept 1	a the section
Carbonate and bicarbonate			10.00		5.0	228
Other sorts, except ammonium sulphate and ammonium phosphate		arrie	2.570	571	129.1	2, 600
Barium compounds, excluding metallic driers, barytes, natural barium carbonate and pigments	24.4	536			24.4	536
DS 41674/1	~1.1				71.1	

pictor acres	England Wale		Scotl	Scotland		Britain
	Quantity	Value	Quantity	Value	Quantity	Value
2006Eq (68, 98965 57) - 200	Th. tons	£1000	Th. tons	£¹000	Th. tons	ล. 000
incipal products (contd.)						•
Chemical manufactures (contd.)						13.00
Bleaching materials	The sealing				e territor	and all the state of
Sodium perborate	0.9	98	_	-	0.9	98
Other sorts	• •	(a)		(a)	122.8	3,046
Proprietary bleaches	11.8	571	0.8	45	12.6	617
ONL PRODUCTION	Mb out a	98	••	85		183
Bromides, not elsewhere	Th. cwts.				Th. cwts.	1
specified, excluding ethyl bromide	2.1	31	-	5	2.1	31
Carbons, decolorising and		(6)		(-)	454.5	
activated	9 0	(a)	••	(a)	154.3	50 6
Formaldehyde, including	Th. tons				Th. tons	BRIDE .
solutions (in terms of 40 per cent. solution), and						
paraformaldehyde	64.0	1,308	-		64.0	1,308
Gases compressed, including liquefied and solidified					GODIE DOME	dosans
Carbon dioxide; sulphur					abasogaaa m	introits .
dioxide; and acetylene, dissolved	• •	(a)		(a)	g pauls maos	2, 878
			5.8		Mill galls.	
Nitrous oxide	••	(a)	••	(a)	115.7	255
Hydrogen and oxygen		(a)		(a)	Mill.cu.ft. 3,750.6	3,576
Other sorts, including						
petroleum hydrocarbons (butane, isobutane and					0222	
propane)	••	3,778	••	364	1498D, 100	4, 141
Iodides, not elsewhere	Th. 1bs.				Th. 1bs.	
specified, excluding ethyl iodide	34.3	27	-	Uneja-di	34.3	27
Iodine	32.8	20	-	1 20 - 00	32.8	20
Lead compounds	Th. cwts.				Th. cwts.	MEN SHELL
Lead oxides	245.8	1,263	_	_	245.8	1,263
Lead acetate	6.9	40	_	912	6.9	40
Other lead compounds,						-10
including white lead (basic carbonate, dry)					Annelse Res	
but excluding pigments	372.3	3, 115	-	-	372.3	3, 115

TABLE 23 (contd.)

Oreat Britain	Englan Wale		Scot	land	Great Britain		
Yelue Quantity value	Quantity	Value	Quantity	Value	Quantity	Value	
\$1,000 cons 1,000 cons	Th. tons	£'000	8000 UST .	£'000	Th. tons	£1000	
Principal products (contd.)				( (83)	products (co)	Lagrangers	
. Chemical manufactures (contd.	)			(contd.)	nemuleactures	Loolmeno	
Magnesium compounds, not elsewhere specified	••	(a)	••	(a)	54.4	1,052	
Plasticisers				maloiso bus sus	Parties acetace	ingstor.	
Butyl phthalate	1.6	323	_	116.0300	1.6	323	
Tricresyl phosphate	2.6	511	-	Total	2.6	511	
Potassium compounds	Th. cwts.	200	13.700		Th.cwts.	n sata	
Iodide	1.6	102		-	1.6	102	
Chloride (muriate)	1.5	5	-	elsewhere	1.5	5	
Chromate		1	4.30		0.3	4	
Other sorts, not elsewher specified, including unrefined nitrate	e		P + 45	,ean	446.0	1, 185	
Sodium compounds		(a)	8.18	(a) {	vicano incess		
Chromate				18	6.3	25	
Dichromate		865			192.3	725	
Phosphates				abaron zona en	469.5	1,608	
and the property and the party of the control of th	Th. tons		Th. tons	enti bas et entely	Th. tons	477666	
Sulphate, including salt			III. OOIIB	CHOTELECUL TO	III. COIIS	10000	
cake	75.1	482	15.9	130	91.0	612	
Sulphide	11	(a)		(a)	31.7	668	
Other		21,758		30		21,787	
	Th. cwts.			i mga masa	Th. cwts.		
Synthetic organic chemicals for photographic purposes,				-51a:550			
not elsewhere specified	2.2	172		-	2.2	172	
Synthetic organic chemicals for tanners' use, not else						mr 300)	
where specified	86.2	172	+ +.51	-	86.2	172	
Tartrates, not elsewhere			2107,47	12.		a day on	
specified, except cream of tartar	3.6	37	-		3.6	37	
Wood distillation products					wions rosin		
(except acetic acid, acetic anhydride, acetone, aluminium acetate, calcium	The Same		14.0			oin)	
acetate, lead acetate and methyl alcohol)			The sweet of		an i was said	0 ( Foreign 10)	
			4 - 444 5	0.000	Th. tons	FIFEREN	
Charcoal, other than decolorising and activated carbons		(a)	••	(a)	6.3	160	
DS 41674/1	1,4					TAKOTA BELL	

TABLE 23 (centd.)		;		(000,00)	82 31917.	
ntaj Pri Vasro   (br	England Wale		Scotla	and	Great 1	Britain
authors varanano suiev	Quantity	Value	Quantity	Value	Quantity	Value
ALONG LANGE CONTRACTOR	Th. tons	£1000	To spor in	£1000	Th. tons	£1 000
Principal products (contd.)					products (co	Laglanius
Chemical manufactures (contd.)				( ,barrod) s	organilensi.	Chenil ca.
Wood distillation products (except acetic acid, acetic anhydride, acetone, aluminium acetate, calcium acetate, lead acetate and	1000	(6)	0.0	don , a	du cempound pere specifi cisers	lacia, surem
methyl alcohol) (contd.)	-	888	0.1		1 phthalate	t 100 T
Other, including iron acetate liquor		(a)	8,6	(a)	resyl phospin	129
Zinc oxide	57.6	4, 108	_ j	-	57.6	4, 108
2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Th. cwts.	305	1 2 2		Th. cwts.	e run 31
Fine chemicals, not elsewher specified	e	6	1 3.4		Jarum, sono	oung
Technical	92.4	834	-	lora (wax La	92.4	834
Other, including analytical, reagents, research, and synthetic perfumery chemicals, but excluding medicinal	31.3	958 2	} -	3A1E	31.3	958 2
Unclassified	1	389			eden	389
Metallic organic compounds (naphthenates, linoleates, resinates, stearates and li compounds) not separately specified, excluding metall	ke		Tanor at		onacte hadee	eniq Phos R: 378
organic medicinal compounds	~]	(a)		(a)	late. High na	631
210 0.18 021	9.81	1 (884)	1418		Th. tons	A.80
Copper sulphate; tin salts; and tin oxide	•	(a)		(a)	14.9	793
Bismuth salts and compounds, excluding pigments; cadmium compounds, including plating salts but not pig-	n	Para Sarata	TAL ENTS.	Elapinan		endhija
ments; and molybdenum compounds	1	396	9.4	urpassa, i	o tobogendalo, e sembere spe	396
Calcium compounds				new calu	Th. cwts.	Synthe
Acetate	10.4	12		HOL EISE-	10.4	12
	Th. tons			arrent.	Th. tons	An Tartra
Carbide	92.3	2, 264	-	1=970	92.3	2, 264
Other sorts, not elsewhere specified, excluding	1000			as subor	e moissilla	LE BOOM
calcium cyanamide (nitrolim)		(a)		(a)	288.6	1,681
Titanium dioxide	Th. cwts. 318.1	1, 379	_	duitoles	Th.cwts. 318.1	1, 379
Metallic salts and compounds not elsewhere specified, excluding pigment colours		(a)	••	(a)	redise (Iso bus spieltel nodise b. 184	2, 689
DS 41674/1						ILAVBIA BORI

d Oreat Britain	Englan Wale		Scotla	and	Great E	ritain
Value Quantity Value	Quantity	Value	Quantity	Value	Quantity	Value
agora suos III ogora	Th. cwts.	£'000	100000000000000000000000000000000000000	£'000	Th. cwts.	£'000
Principal products (contd.)					nue cs : (conço.	
Chemical manufactures (contd.)				(objinop)	asomono iss	
Nitro-cellulose (collodion cotton), not intended for explosives; chloroform;	190.1	307	1 - 1	1	onlowitd ber	
ethyl acetate; ethyl	11 184,5		III Again	, sbungo	DO EMBELOUTI	
chloride; and carbon disulphide	The tops	2,324		186	ps ollage, be	2,510
Phosphorus	32.4	230	Letwo.di	1 -/-	32.4	230
Rubber accelerators, not	Time coules.	(8)			la akolulanga Blosis	
elsewhere specified; and	20.0.0				And Park Inches	Toronto de la
rubber substitute (factice)		925	-		ous resident	925
Other chemical manufactures, including cream of tartar, and plasticisers other than	-	899	157.0	40e	Signis and with the control of the c	
butyl phthalate and tricresyl phosphate		16,440	•••	680	purs. proces	17,120
Unclassified chemical manufactures		190	13.3.	24		214
Total chemical manufactures		(a)		(a)	-400/1 TO VAL	112,558
Plastic materials		1 300	1 2 201		STATELL SOLDS	5/46/60
Liquid and solid resins, solutions, emulsions and dispersions, including		1 558	,adf.,f		Tenso valio	
polymers and co-polymers	••	(a)	•••	(a)	1,022.0	7,219
Sheet, rod, tube, film, foil and profile shapes		(2)			e compounder or essences foods ere	
Casein	39.1	990	-		39.1	990
Cellulose acetate		(a)	1 120,000	(a)	15.4	570
Phenolics and cresylics (laminated only)	155.4	2,746	1.014	i de Lina	155.4	2,746
Vinyl chlorides		(a)		(a)	58.0	1,499
Other	••		••			5, 283
acts i far had leves ted products	-	(a)	26.9	(a)	162.9	0,200
Moulding and extrusion materials	i by ing				(ababagano )	
Cellulose acetate		(a)	.0.04	(a)	48.9	992
Other (818 (8)		(a)		(a)	758.7	6,519
Total plastic materials		(a)		(a)	E1.3 - 118230 (8030807	25, 818
Other chemical products	Th. tons	A KA	Th. tons		Th. tons	removed 9
Manufactured bituminous products	-20	181	100		areset h	is assisted.
Bituminous emulsions, except emulsions for use as paint	34.8 Th.galls.	451	11.0 Th. galls.	142	45.8 Th.galls.	593 5

DS 41674/1

Greet Britain-		England Wale		a one le Scotl	and	Great 1	Britain
	i entev	Quantity	Value	Quantity	Value	Quantity	Value
Th. cwgs E'000	00012	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Principal products (contd	.)				(.)	jaoo) sioubo	ro Isqiphies
Other chemical products	(contd.)					aguicatum	d Isolando
Manufactured bitumino products (contd.)	us					lulose (col hot intend	on-oratii (noadoo
Other bituminous con except paint and m factured mastic as	anu-	16.8	277 51	7.3	85 <i>2</i> 9	24.1	<b>362</b> 80
Boiler compositions a	nd	Th.cwts.	003	52,4		Th. cwts.	Phesphor
disincrustants			(a)	••	(a)	161.6	503
Brewers' finings, etc.	-	•••	(a)	••	(a)	) almojusdna nairthuide a	186
Ceramic colours and e not elsewhere specif and ceramic glaze		157.0	945		coures, lartar, ler than	157.0	945
Earth colours, process powdered	sed or	4.9	02.2.03	77	148940111	OILE MOR TRUNK	addaold (
Ochres	APIAS.	113.3	129		-	113.3	129
Red oxides of iron	(3)		(a)		(a)	443.6	10307 419
Other earth colours except black		196.5	243		_	196.5	243
Essential oils, other turpentine	than {	Th.1bs. 805.3	622 86		508 -28	Th. 1bs. 805.3	622 686
Flavouring compounds; flavouring essences a dyes for foods, etc.			(a)	••.	(a)	od, tube; ft file enaces	3,576
odenst structed the	Jun 191	Th. cwts.	086	1.88		Th. cwts.	nisaso
Iron oxides, chemicall manufactured	Ly (a)	1,513.1	990	_**	-	1,513.1	990
Inorganic pigment colo			2,746	4.881	2015		Phenoi (Lami
(pure or reduced), dr in pulp form, not els specified		1	(4)	- ×			ivary
Iron blues	(#)	26.9	325	_**	-	26.9	325
Chromium compounds, including lead gree and zinc greens		145.5	1,398			isprixe bas	Howleing
	(8)	Time				145.5	1, 398
Synthetic organic pigm	nents		(a)	••••	(a)	215.7	1,073
(pure or reduced)	CITOS.		(6)		atsins	an eljeciq l	
Pigment dyestuffs		it. tons	(a)	sijoš a	(a)	22.4	643
Lakes and toners			(a)		(a)	89.2	1,049
Lithopone, dry	SAL	Th. tons 52.1	1,714	2 - 33 d	2 de 10	Th. tons 52.1	1,714

TABLE 23 (contd.)

10.00	Englar Wal	nd and Les	Scot	Land	Great	Britain
	Quantity	Value	Quantity	Value	Quantity	Value
The same of the sa	Th. cwts.	ี่ เขา	Th. cwts.	£'000	Th. cwts.	શ'000
Principal products (contd.)		ALL SELECTION OF THE PARTY OF T	The State Darry			
Other chemical products (contd.)						
Rosin size (for use in the paper trade)	180.1	307	-	bas as	180.1	307
Sulphur	464.5	379	6.5	3	471.0	382
	Th. tons		10		Th. tons	A LONGING
Sulphonated oils, other than sulphonated alcohols	7.8	730	_	-	7.8	730
Vitreous enamels and frits	Th.cwts. 206.6	753 78		- {	Th. cwts. 206.6	753 78
Blacks, mineral and carbon, including vegetable, lamp, acetylene and bone black; and finishing materials for the textile trades, other than oils, (including gum, starch, etc.) not elsewhere		28	7.021		The Tank I state of the Ta	The second of th
specified	10.00	471	-	-		471
Purple iron ore	Th. tons	8		-5919	Th. tons	8
Ground barytes		(a)		(a)	6.2	51
Mastic and other adhesive cements; and pitch, other than coal tar pitch	••	50	-	_		50
Other chemical products, including case hardening compounds	• •	1,014		_		1,014
Waste products		153		9	tent Prosider	162
Work done for the trade or on commission (b)		<b>1,</b> 534		34	e auddus to	1,568
Total principal products		151, 142	i angers, and	7,751		158,893
Other output			1 8,3000		BI SA SELECTION	
Coal tar and coal tar products		(a)		(a)	ne 100.000	1, 184
Drugs and pharmaceutical chemicals	Th.1bs. 6,577	1,505 150	2002.00	- (	Th. 1bs. 6,577	1,505
Pharmaceutical preparations		216	1.5		# 0/0.009B	150 216
319.0	Th. cwts.	46K 36			Th. cwts.	210
Dyes and dyestuffs	293.6	1, 115		-	293.6	1, 115
Perfumery, cosmetics and toilet preparations	0 •	324	_	-		324
Fertilisers	• • •	(a)		(a)	Th. tons 746.2	9,148
DS 41674/1				-		STATES OF THE

#### Purchased materials and fuel Larger establishments

		TABLE 24						
Great E	Britain	Teon Strong and	Englan Wal	d and es	Scotla	nd	Great	Britain
ity	Value	in competition of the good att	Quantity	Cost	Quantity	Cost	Quantity	Cost
ts.	£'000	981 8.8	Th.proof galls.	£' 000	7.8	£1 000	Th.proof galls.	£' 000
anim.	ia Tanas	Materials	3225	2,683	1	1 (6)		
98.18	niten	Alcohol			' ladi mi			
.9	183	Ethyl alcohol		176	1 1000			
4	1,015	Duty paid	96	997	adwo dil	-	96	997
•	732	Duty free, other than methylated spirits	22,077	2,912		1	22,077	2,912
lls.	Officials Saline	Modification by 11100	22,077	2,012			Th. bulk	2,022
18	88	PODE STATE OF THE	1 7000	1 555	1 25		galls.	
is 5	33	Methylated spirits (industrial or mineralised)		(a)	2003 400	(a)	1, 321	291
ts.		V3	208.1		20,7420		Th. proof	
7	743	(3) 418.2 (41,076)	5.244	12(2)	**	1 1	galls.	onu of Assessment
	740	Methyl alcohol		(a)		(a) {	17,523	991 315
	33	Sellutose cosliss office	n. mils.		Elia ella.	1 100	Th. tons	
	ISSEZ	Barytes	Thiosce91	(a)	454,454	(a)	94.8	516
•	41	Barytes		(a)		(a)	blos 52/198918	310
	338	Benzoles, refined (in terms of	Th. galls.				Th. galls.	identification of
month	e Love 9	motor benzole)	4,873	433	- worus	Tou	4,873	433
	603	Principal estate (a)	1		6 Pa		Th. tons	
		Chromium ore	••	(a)	.3.3	(a)	27.7	275
	placki	Coal tar, crude (on the basis of 5 per cent, water content), and	1 1000				anthologi A	
6	424	crude tar oils		(a)		(a)	3.8	19
ls.	TENNO	The owest	Th. 1bs.				Th.lbs.	
00	84 125	Iodine, crude	243	104	-7.6	-	243	104
	USI	7.8 64	Th. tons		Th. tons		Th. tons	
	758	Lead Flower 9.31	17.0	1, 542	0.3	32	17.3	1,574
101	mou Aside	Phosphate rock (mineral	2003 .00	1,012	en tens		27.00	1,0,1
	508	phosphates of lime)	27. Called at	(a)	0.51	(a)	166.7	561
s.	IF4 0.7	Pyrites	77.0	208	33.3	108	110.3	316
3	604	Spent oxide		(a)	in. cytis.	(a)	153.2	321
	004	Sulphur, crude	268.3	2,523	27.7	259	296.0	2,782
	241	Tin arms	240	(a)	TEADS AT	(a)	0.5	256
s	mis cause.	688.1 888.1 83	574.0	(4)	- a . eea. t	(4)	Th. galls.	a subjecti
5	94	Tolvolos and and and and	Th.galls.		In owter		In galls.	
	44	Toluoles, refined (in terms of 90's toluole)	682	93	164.3-	-	682	93
	9,974	The state of the s	Th. tons	607,			Th. tons	ans Ladangai
		Zinc (spelter)	45.0	2,851			45.0	2,851
	76	and aff	Th.lbs.				Th. lbs.	
	189,277	Essential oils		1 004		to	BIRES BUT DOE	1 004
cannot	be given.		1,701	1,094			1,701	1,094
	ALL DOTTE	Packing materials		6, 367		242		6,609

TABLE 23 (contd.)

		land and Wales	Scot	land	Great	Britain
	Quantity	Value	Quan tity	Value	Quantity	Value
030 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Th.cwts.	£' 000		£'000	Th.cwts.	£'000
ther output (contd.)				ASSITOS) EX	goodg aadam	
Disinfectants, antiseptics, and		The same of	I seems	ens so	en mon est.	GISON .
sheep and cattle dips and dressings		(a)		(a)	21.9	183
Insecticides and weed killers	189.4	1,015	] -	- {	189.4	1,01
THE STATE OF THE PROPERTY OF T		102	1	200	Th malle	
Bituminous paints and bituminous solutions and emulsions for use		1 - 0855	5.5		Th. galls.	lighte
as paint		(a)	1	(a)	1,018 Th. tons	88
					0.5	38
Paints, pigments and extenders in				1 moresson	Th.cwts.	835846
paste form	149.7	743	-		149.7	743
Paints and painters' enamels, ready mixed		33	-	- 1	ten granelig	33
Varnishes and lacquers, not				1000 300		GSG2
pigmented	•	41	-	1 21200-010		4:
Other products of the Paint and Varnish Trade		338	-	-		338
Plastic goods and accessories,		207			in mal	PRIFILE
except garments		603		-	disasivical	603
Powders and essences for beverages (excluding fruit juices, solid					A THE REAL PROPERTY.	oliesti
soft drinks, and coffee and chicory essences and extracts)		(a)		(a)	7.6	424
	Th. galls.	0.00			Th.galls.	
Soft drinks	190	84	]	_ {	190	84
		125	<b>S T</b>	1	· · abits	125
Plant and machinery, including parts		758	20	_	The County of	758
Manufactures of rubber, except						cigh areas
garments	••	508	-	-	10/108	508
505 St. J.	Th.cwts.		Th. cwts.	2000	Th.cwts.	18462
Washing and scouring materials, other than soap	221.3	601	2.0	3	223.3	604
Ink, stains, dyes and gums for		gr.		2.750	us that tra	ts: less
the leather and allied trades	••	241	-	-		241
	Th. tons				Th. tons	nis cause.
Concentrates, metallic residues, wastes, etc.	13.5	94 44	-	- {	13.5	94 44
Other goods and electricity,				l l		
steam, gas and water sold	••	9,789	••	185	20011012.000	9,974
Work done (b)		76		-	The stand being (and by all printed super 2 is a transformation on super as solution).	76
Total		181,238		8,039		189,277

<sup>(</sup>a) Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given.
(b) Amount charged.

erials and fact

TABLE 24 (contd.)

	m32.3		Engla Wa	and and	Sco	tland	Great	Britain A
miga mis.	nseri)		Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (co	ntd.)		Th. tons	£' 000	Th. tons	£'000	Th. tons	£'000
Acetone	160 Mg uff		5.7	435	0.2	11	5.8	446
Bauxi te	ealls.			(a)	A SELLER	(a)	251.8	1, 069
			Th. 1bs.				Th.lbs.	Alcohol.
Bismuth			324	178	-	_	324	178
			Th. cwts.	1 1000	1 96		Th. cwts.	
Bromine			5.4	40	-10.2	-	5.4	40
Chlorine				(a)		(a)	557.4	468
Coal (other	than for use	20	Th. tons			Talusku	Th. tons	
fuel)	orian for asc	(a)	521.7	1, 412	1	-	521.7	1,412
Coke (other	than for use	as fuel)		(a)		(a)	419.2	1,675
Copper	530,72		2.6	310		-	2.6	310
Creosote oil	s (including		Th. galls.	1	Th. galls.	1	Th. galls.	
anthracene			38, 434	1, 229	196	7	38,630	1, 236
	resylic acid			(a)	The calls	(a)	2, 224	551
Dye intermed	276.3		Th. cwts.		578,3	10 an	Th.cwts.	
Made from products	coal tar prim	ary		(a)		(a)	25.1	478
Other			1.2	33		_	1.2	33
Formaldehyde	, including s	olutions					Th. tons	
solution)	f 40 per cent	(a)	• • •	(a)		(a)	46.5	990
Glycerine					In. los.		Th. cwts.	
Crude			6.7	47	-019	-	6.7	47001
Distilled	and at		7.8	54	- mr. an	-	7.8	54
Unclassifi	ed a ve	8.81	12.9	75	-0.49	-	12.9	75
			Th. tons	4 .500	Th. tons		Th. tons	
Hydrochloric	acid (as at	1.14 s.g.)	13.8	104	1.3	13	15.0	117
	2 3 266 F Ha	(a)	Th. cwts.	1 (6)			Th. cwts.	
Lactose	0.803	983	0.5	4	8,888		0.5	4
		(2)	Th. tons	1200	1 0,500		Th. tons	
Limestone and	i lime	184	1.899.5	1,516	37.0	52	1,936.6	1, 568
		Establish .	Th.cwts.		*01253 4117	1	Th. cwts.	
Molasses		-	2, 164.3	1, 438	-888	-	2, 164.3	1, 438
Naphthalene, of 66°C. sal	all grades (i	In terms		(a)	anor an	(a)	174.5	113
188.2		-	1 -	188.8	45.0		Th. tons	Zino (spel t
Nitric acid	on the basis	of			Tag Car	The same		
100 per cent	acid)		Shi terreson	(a)	4,000	(a)	27.6	539
Petroleum hyd	rocarbons, ot	ther than	. 69	6, 367			Th. galls.	
lubricating	and fuel oils			(a)		(a)	4,613	323
DS 41674/1			1			di		

TABLE 24 (contd.)

5.5 	Cost a'000 (a) (a) 43 1,076 925 1,356 438 360 (a) 196	Quantity Th. tons   0.1  15.8  3.2  10.7  -	Cost  £'000  (a)  (a)  2  126  55  67  (a)	Quantity Th. tons  85.0  2,958.2  5.6  166.6  75.9  216.7  5.2  2.1  2.2	Cost £'000 1,134 980 44 1,202 980 1,423 438 360 596
5.5 5.5 250.8 72.7 206.1 5.2 2.1	(a) (a) 43 1,076 925 1,356 438 360 (a) 196	0.1 15.8 3.2 10.7	(a) (a) 2 126 55	85.0 2,958.2 5.6 166.6 75.9 216.7 5.2 2.1	1, 134 980 44 1, 202 980 1, 423 438 360
5.5 250.8 72.7 206.1 5.2 2.1	(a) 43 1,076 925 1,356 438 360 (a) 196	0.1 15.8 3.2 10.7	(a) 2 126 55	2,958.2 5.6 166.6 75.9 216.7 5.2 2.1	980 44 1, 202 980 1, 423 438 360
5.5 250.8 72.7 206.1 5.2 2.1	(a) 43 1,076 925 1,356 438 360 (a) 196	0.1 15.8 3.2 10.7	(a) 2 126 55	2,958.2 5.6 166.6 75.9 216.7 5.2 2.1	980 44 1, 202 980 1, 423 438 360
206.1 5.2 2.1 	1,076 925 1,356 438 360 (a)	15.8 3.2 10.7 -	126 55 67	166.6 75.9 216.7 5.2 2.1	1, 202 980 1, 423 438 360
206.1 5.2 2.1 	1,076 925 1,356 438 360 (a)	15.8 3.2 10.7 -	126 55 67	166.6 75.9 216.7 5.2 2.1	1, 202 980 1, 423 438 360
72.7 206.1 5.2 2.1 	925 1,356 438 360 (a)	3.2 10.7 -	55 67 -	75.9 216.7 5.2 2.1	980 1, 423 438 360
206.1 5.2 2.1 	1, 356 438 360 (a)	10.7	67	216.7 5.2 2.1	1, 423 438 360
5.2 2.1  a.cwts. 27.6	438 360 (a)	ema ist		5.2 2.1	438 360
2.1  a.cwts. 27.6	360 (a)	emag and	\ \ <u>-</u>	2.1	360
 cwts. 27.6	(a) 196	A SERVICE			
27.6	196		(a)	2.2	506
27.6				The second secon	030
266.6		200 300		Th.cwts. 27.6	196
The state of the s	1,444	-	-	266.6	1, 444
			1000	of consense in	
	(a)		(a)	52.7	555
	(a)		(a)	42.5	387
10.2	48		-	10.2	48
159.1	263	1	39120200	159.1	263
2.1	21		- 1		21
	420	-			420
	201				201
.cwts.	201	The supposed the second		Th.cwts.	201
		- Partitional I			
	l da	0.89.15		GLEGATION A	
	(a)		(a)	36.4	355
40.2	1,331	-	-	140.2	1,331
	188			Torona to	SE DESE
30.4	467	_	2000	30.4	467
	(a)		(a)	4.9	70
California de Rifornia de Succional	or material	octoriolat Malacoka,			SOUTH TO SO SOF SOLOGI
	10.2 59.1 2.1 02.5 .tons 11.7 .cwts.	(a) 10.2 48 59.1 263 2.1 21 02.5 420 .tons 11.7 201 .cwts.  (a) 40.2 1,331	(a) 10.2 48 - 59.1 263 - 2.1 21 - 02.5 420tons 11.7 201cwts.  (a) (a) 30.4 467 -	(a) (a) (a) 10.2 48 59.1 263 2.1 21 2.5 420 2.02.5 420 2.02.5 11.7 201	(a) (a) 52.7 (a) (a) 42.5 10.2 48 10.2 59.1 263 159.1 2.1 21 2.1 02.5 420 102.5 .tons 11.7 201 11.7 .cwts.  (a) (a) 36.4 40.2 1,331 30.4

dreat Aritain	England a	nd Wales	Scot	land	Great Britain		
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
000 ta   anos att   000 ta	Th. cwts.	£1000	L and an	£1000	Th. cwts.	£'000	
Materials (contd.)					en sud count	) mipiweJen	
Plastic materials (contd.)		(8)			dompounds	Potasetun	
Sheet, rod, tube, film, foil, blanks and profile shapes		The same of			mes (1) solu	nus Jisb	
Acrylic	10.1	251	-	-	10.1	251	
Polyvinyl chloride,	-0.7	9		- 1	0.7	9	
plasticised	-1	3	5	1	• • • • • • • • • • • • • • • • • • • •	3	
Other	••	229	-	toda = = = = = = = = = = = = = = = = = = =	e, datemanns	229	
Solutions, emulsions and dispersions (in terms of	4.6.61	180011	1 -2.081		n 589km	etasso.	
gross weight)	194.5	795	-	190 21040	194.5 Th. sq. yds.	795	
Cotton plece-goods	· paratis.	(a)		(a)	4,007	348	
Water charges	1025 T. 66	431		22	(00.04 .000	453	
All other purchased materials	••	46,578	1	1,390	11808	47,967	
Fuel and electricity	Th. tons		Th. tons		Th. tons	co d'abbas	
Coal	3,021.3	7,898	171.0	442	3,192.3	8,340	
Coke	282.4 Th.B.T.U.	1,040	7.1 Th. B. T. U.	25	289.5 Th.B.T.U.	1,065	
Electricity purchased (b)	(kW.hrs.)		(kW.hrs.)		(kW.hrs.)	arlows C.	
From public supply	1,098,661	3,528	129,011	388	1,227,672	3,916	
From other sources	•	(a)	•••	(a)	108,611	321	
Electricity obtained from other works under the same ownership	401,322	807	-		401,322	807	
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.	18.570	
Used for road vehicles	2,698	244	373	33	3,071	277	
Used for other power purposes		(a)	1	(a)	814	36	
Other oil fuel (including creosote/pitch mixtures)		(a)	1.	(a)	28,975 Th. therms	1,062	
004			3.33	1	4,697	176	
Gas purchased from public supply		(a)	amount of the second	(a)	Th.cu.ft. 67,726	17 42	
	Th. therms		To deliver and		Th. therms		
Gas purchased from other sources and gas obtained	1,673 Th.cu.ft.	39			1,673 Th.cu.ft.	39	
from other works under the same ownership	1,959	30		a Till	1,959	30	
All other purchased fuel		328		10	· · · · · · · · · · · · · · · · · · ·	338	
Total		110,902		5,011	- File	115,914	
Less Customs and Excise rebate			3.001			191.0	
and drawback receivable in respect of alcohol		361		- 15	elegrada bas Legrada gal	361	
Total (exclusive of Customs and Excise rebate					anticles the	CONTRACTOR	
and drawback receivable in respect of alcohol)		110,541		5,011	an managana katu na awat ana managana na ana ana ana ana ana ana ana a	115,552	

Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given. The quantity of electricity generated and consumed in the same works in England and Wales was 920,320,000 B.T. units; and in Scotland 18,544,000 B.T. units.

#### Employment and remuneration Larger establishments (i) Private firms

TABLE 25

	En	gland and Wa	les		Scotland		Gı	reat Britain	
100 P. COSINGO	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total
Males							Name of		
Under 18 All ages	1,721 60,590	650 16,890	2,371 77,480	65 2,613	25 611	90 3,224	1,786 63,203	675 17,501	2,461 80,704
Females					202				
Under 18 All ages	384 5,200	1,464 8,439	1,848 13,639	18 228	74 373	92 601	402 5,428	1,538 8,812	1,940 14,240
Total									
Under 18 All ages	2,105 65,790	2,114 25,329(b)	4,219 91,119 (b) (c)	83 2,841	99 984 (b)	182 3,825 (b) (c)	2,188 68,631	2,213 26,313 (b)	4,401 94,944 (b)(c)
Total	£1000	£'000	£1000	£1000	£'000	£'000	£'000	£'000	£1000
remuneration	22,523	12,143	34,666	893	381	1,274	23,416	12,524	35,940

Number at September 25, 1948.

There were, in addition, 15 male working proprietors in Great Britain; 14 in England and Wales, and 1 in Scotland.

The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £770,000; £740,000 for England and Wales, and £30,000 for Scotland.

In addition to the employees in the above table the private firms in this trade employed 18 female outworkers, (all in England and Wales), the amount paid to them being £2,000.

#### (ii) Government Departments

TABLE 25 (contd.)

TABLE 25 (Contu.)										
	Eng	gland and Wa	les	S	Scotland		C	Great Britain	1	
	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	
Males										
Under 18 All ages	45 3,032	11 466	56 3,498	8 1,642	1 66	9 1,708	53 4,674	12 532	65 5,206	
Females										
Under 18 All ages	10 120	9	19 128	2 41	5 203	7 244	12 161	14 211	26 372	
Total	•									
Under 18 All ages	55 3,152	20 474	75 3,626(b)	10 1,683	6 269	16 1,952(b)	65	26 743	91 5,578(b)	
The state of the s	£!000	£1000	£1000	£'000	£'000	£1000	£'000	£1000	£1000	
Total remuneration	1,099	232	1,331	539	141	679	1,637	373	2,010	

Number at September 25, 1948.

The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £50,000; £32,000 for England and Wales, and £18,000 for Scotland.

In addition to the employees in the above table the Government Departments in this trade employed 3 male outworkers (all in Scotland), the amount paid to them being less than £500.

# Monthly index of employment of operatives: Larger establishments (average employment in 1948 - 100)

TABLE 26

c Britishn	Mon	thly index (	a)	ee/sw/bms	Monthly index (a)			
Month	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain	
1948	lo savilateq	He	citelo esvi golume (a)	1948	ratives clar	go /		
January	99.3	97.5	99.2	August	99.9	99.5	99.9	
February	100.0	99.6	100.0	September	99.7	99.4	99.7	
March	100.8	100.2	100.8	October	99.7	99.2	99.7	
April	100.8	101.2	100.9	November	99.8	100.1	99.8	
May	101.5	100.7	101.5	December	99.3	102.3	99.5	
June	99.7	100.1	99.7	Percentage employ- ment in this trade	001 kg		gs lik	
July	99.4	100.1	99.4	covered by the index	81.0	64.9	80.0	

<sup>(</sup>a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

(a) the property state of contributions to all Matlemen forthe series sented a payable during the rear in respect of the employers charge of contributions to any object of sections are workers areanted to a total of sec

DS 41674/1/3628 K.5 11/52 DL

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