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Trade flows of lead chromates from India

- Initial estimates

Brief method description

Trade data for exports from India in 2020, 2021, and 2022 with GHS code 32062000, Pigments And Preparations Based On Chromium Compounds, was purchased by IPEN from Seair Exim Solution.

An evaluation of the information provided was conducted to confirm that the traded chemicals were lead chromate compounds and which types, or if they were erroneously registered as chromates.

The following entries were considered as lead sulfochromate yellow or lead chromate molybdate sulfate red without further verification:

- Shipments described as Pigment Yellow 34 or C.I. 77603, and Pigment Red 104 or C.I. 77605
- Shipments described as other commonly accepted names for the two types of lead chromates, including lemon chrome yellow, lemon chrome, primrose chrome, middle chrome, middle chrome yellow, light chrome, light chrome yellow, deep yellow, molybdate orange and scarlet chrome.

In addition, shipments where the details provided made it possible to confirm the chemical identity of the traded compounds were included, including entries with similar descriptions.

Shipments where there were strong indications that the descriptions referred to the two lead chromate pigments were included as “potential”.

Results

Tab 1: Total quantities and value of lead chromates exported from India

Year	Quantity (metric tonnes)	Value (USD)
2020	12,709	39,889,841
2021	12,531	42,132,089
2022	9,849	40,855,265

Tab 2: Quantities of lead chromates exported from India per country.

	Quantity (kilo)		
	2020	2021	2022
ALGERIA	80,000	92,200	64,600
ANGOLA	N.A.	21,002	21,000
ARGENTINA	23,000	12,000	27,950



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AUSTRALIA	23,400	34,875	21,400
BAHRAIN	2,400	N.A.	1,000
BANGLADESH	235,600	314,950	243,412
BELARUS	1,000	42,400	15,800
BHUTAN	90	N.A.	N.A.
BRAZIL	148,970	140,150	213,975
CAMEROON	1,200	N.A.	N.A.
CANADA	1,000	1,000	4,000
CHILE	55,500	10,000	10,900
CHINA	169,806	73,510	102,300
COLOMBIA	84,750	157,350	110,800
COSTA RICA	2,175	1,500	1,300
COTE D'IVOIRE	95,200	136,800	34,100
CROATIA	N.A.	N.A.	6,000
DOMINICAN REPUBLIC	N.A.	3,000	N.A.
DJIBOUTI	N.A.	N.A.	500
EGYPT	403,425	451,962	214,050
EL SALVADOR	15,600	20,000	12,000
ETHIOPIA	3,200	N.A.	N.A.
GERMANY	360,000	219,000	200,000
GHANA	26,000	2,400	N.A.
GUATEMALA	18,000	27,075	7,000
HAITI	550	N.A.	N.A.
HONDURAS	N.A.	4,000	350
INDONESIA	759,000	885,306	542,964
IRAN	576,030	47,000	100
IRAQ	36,800	107,500	37,000
ISRAEL	10,972	2,400	12,800
JORDAN	167,200	197,650	104,300
KENYA	416,227	243,700	264,254
DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA	7,000	N.A.	N.A.
REPUBLIC OF KOREA	373,000	533,150	20,000
KUWAIT	36,750	51,700	39,200
LATVIA	N.A.	N.A.	1,800
LEBANON	85,650	115,300	26,000
LIBERIA	37,850	45,750	25,000



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LITHUANIA	68,400	20,000	N.A.
MADAGASCAR	460	1,900	1,000
MALAYSIA	565,025	451,450	336,672
MAURITIUS	650	725	0
MEXICO	158,150	167,740	190,375
MOROCCO	144,150	180,100	128,800
MOZAMBIQUE	N.A.	N.A.	2,400
MYANMAR	78,700	118,400	69,800
NEPAL	14,950	28,700	16,376
NEW ZEALAND	N.A.	1,350	200
NIGERIA	564,576	544,550	482,150
OMAN	17,000	17,000	21,800
PARAGUAY	7,000	2,000	N.A.
PERU	94,837	107,815	68,275
PHILIPPINES	44,500	61,100	N.A.
QATAR	22,440	21,615	8,800
PRC TAIWAN	26,000	31,000	10,000
RUSSIAN FEDERATION	353,925	613,700	661,300
SAUDI ARABIA	820,201	620,200	458,850
SEYCHELLES	1,200	1,000	1,500
SINGAPORE	120,950	64,425	76,012
SLOVENIA	N.A.	N.A.	8,000
SOUTH AFRICA	663,925	809,200	713,059
SRI LANKA	7,100	24,900	8,325
SUDAN	50,600	42,400	32,000
SYRIAN ARAB REPUBLIC	N.A.	3,000	N.A.
TANZANIA	21,100	27,600	13,100
THAILAND	200,526	216,650	185,504
TRINIDAD AND TOBAGO	3,400	400	1,500
TUNISIA	59,200	52,400	31,650
TURKEY	1,814,861	1,504,727	1,428,810
Uganda	N.A.	8,000	21,750
UKRAINE	125	12375	N.A.
UNITED ARAB EMIRATES	1,699,736	2,066,540	1,893,212
UNITED STATES	12,600	N.A.	1,650
UZBEKISTAN	3,000	10,025	23,000
VENEZUELA	9,975	13,200	6,300



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VIETNAM	789,553	666,160	557,000
ZAMBIA	12,800	24,200	3,875