

TO AVOID POSSIBLE DOUBLE-COUNTING IN CODE LINE 259, PLEASE LIST OTHER PRODUCERS OF SULFURIC ACID TO WHOM YOU SOLD SULFURIC ACID.

NAME OF COMPANY	PLANT LOCATION	Code	Quantity sold (<i>long tons</i>)
		501	
		502	
		503	
		504	

Remarks:

SPECIFIC INSTRUCTIONS

In SECTION 1:

Sulfuric acid, gross weight - Report the quantities produced from all sources and available for use or for sale. Exclude sulfuric acid recovered by hydrolysis and evaporation and intermediate production where sulfuric acid is not withdrawn from the system.

Sulfuric acid produced from decomposition - Report the quantity of sulfuric acid produced from the decomposition of alkylation acid and other spent acids, including sulfuric acid sludge, to sulfur dioxide.

Spent acid used in fortification - Include spent acid used only to manufacture fortified acid.

Total new acid equals total gross acid, minus fortified spent acid and sulfuric acid produced from the decomposition of alkylation acids and other spent acids and sludge acid.

In SECTIONS 2 and 3:

If you are able to report significant identified end uses not specified in this form, list and report them under OTHER IDENTIFIED END USES (SPECIFY). The remaining quantities sold or used should be reported under OTHER UNIDENTIFIED END USES.

RELATE QUANTITIES SOLD AND USED, TO A FINAL END USE, DISREGARDING INTERMEDIATE PRODUCTS AS FAR AS POSSIBLE, USING BEST ESTIMATES IF NECESSARY.

REPORT LONG TONS IN SECTION 2 AND SHORT TONS IN SECTION 3 EXCEPT IMPORTS, LINE CODE 302, REPORT LONG TONS.

Name of person to be contacted regarding this report		Email	Tel. area code	No.	Ext.
Address	No.	Street	City	State	ZIP Code

May tabulations be published which could indirectly reveal the data reported above?

Value data (1) Yes (2) No Other (including quantity) data (1) Yes (2) No

Signature	Title	Date
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UNITED STATES
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
986 NATIONAL CENTER
RESTON, VIRGINIA 20192
SULFUR AND SULFURIC ACID

INDIVIDUAL COMPANY DATA - PROPRIETARY

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to Federal defense agencies, or to the Congress upon official request for appropriate purposes.

(Please correct if name or address has changed.)

FACSIMILE NUMBER
1-800-543-0661

Public reporting burden for this voluntary collection of information is estimated to average 2 HOURS per response. A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Comments regarding this collection of information should be directed to: U.S. Geological Survey, Statistics and Information Systems Section, 988 National Center, Reston, VA 20192. **Please do not mail canvass forms to this address.**

NAME AND LOCATION OF ESTABLISHMENT REPORTED ON THIS FORM

Name _____
Nearest city or town _____ County _____ State _____

Collection of nonfuel minerals information is authorized by Public Law 96-479 and the Defense Production Act. This information is used to support executive policy decisions pertaining to emergency preparedness, national defense, and analyses for minerals legislation and industrial trends. The USGS relies on your voluntary and timely response to assure that its information is complete and accurate.

GENERAL INSTRUCTIONS

Please complete and return a separate form for each establishment that was active during the calendar year in the enclosed envelope or fax to the above toll-free number. Use zero (0) when appropriate. Please do not make entries in shaded areas. Additional forms are available upon request.

In completing this form, reasonable estimates should be used wherever exact data are not available. Round to the nearest whole number. DO NOT USE DECIMALS OR FRACTIONS.

THIS REPORT IS INTENDED TO COLLECT DATA ON SULFURIC ACID PRODUCTION AND ON SALES OR USES OF ELEMENTAL SULFUR AND SULFURIC ACID BY END USE INDUSTRIES FOR THE CALENDAR YEAR FROM THE PRODUCERS OF THESE COMMODITIES.

If you have any questions concerning completion of this form, please contact the Mineral Commodities Unit, U.S. Geological Survey, 985 National Center, Reston, VA 20192, Telephone (703) 648-7960.

PLEASE SEE BACK OF FORM FOR SPECIFIC INSTRUCTIONS

Section 1. Sulfuric Acid - 100% basis (*short tons*)

Item (1)	Code	Beginning Stocks (2)	Quantity Produced (3)	SHIPMENTS		Quantity produced and consumed in this pit (6)	Ending Stocks (7)
				Quantity (4)	Value, FOB Plant (\$1000) (5)		
Sulfuric acid (100%):							
Gross Weight.....							
By feedstock:							
Elemental sulfur.....							
Smelting metallic sulfide ore.....							
Decomposition of alkylation and other spent acid.....							
Other.....							
Spent acid used in fortification.....							
TOTAL new acid.....							

Section 2. Elemental sulfur sold or used by industries. (Please complete this part of the form if you are a producer of elemental sulfur.)

INCLUDE quantities: (1) Produced by your establishment, (2) Purchased from other producers, (3) Received on consignment, or (4) Imported. Only the END USES of elemental sulfur are to be reported in this Section; shipments of elemental sulfur for ACID USES are reported under ADP Code number 147 of this Section.

SIC CODE	DOMESTIC END USE INDUSTRY (1)	ADP CODE	ELEMENTAL SULFUR CALENDAR YEAR	
			Sold or used (long tons) (2)	
20	Food and kindred products.....	101		
22	Textile mills products.....	102		
	Paper and allied products:			
261	Pulp mills.....	103		
26	Other paper products.....	105		
	Chemicals and allied products:			
2816	Inorganic pigments.....	107		
281	Other industrial inorganic chemicals.....	108		
2822	Synthetic rubber.....	109		
2823	Cellulosic fibers, including rayon.....	110		
282	Other plastic materials and synthetics.....	111		
283	Drugs.....	112		
284	Soaps and detergents.....	113		
285	Paint and allied products.....	114		
286	Industrial organic chemicals.....	115		
287	Agricultural chemicals.....	116		
2892	Explosives.....	117		
28	Other chemical products.....	119		
	Petroleum and coal products:			
291	Petroleum refining.....	121		
295	Paving and roofing materials.....	122		
29	Other petroleum and coal products.....	124		
30	Rubber and misc. plastic products.....	126		
	Other identified end uses (please specify)			

	Other unidentified end uses.....	146		
	(Please check appropriate box or boxes)			
	SOLD <input type="checkbox"/> OR TRANSFERRED <input type="checkbox"/> TO YOUR OWN OR OTHER COMPANIES' SULFURIC ACID PLANTS.....	147		
	SOLD <input type="checkbox"/> OR CONSIGNED <input type="checkbox"/> TO OTHER PRODUCERS OF ELEMENTAL SULFUR.....	148		
	Exports.....	150		
	TOTAL.....	151		
	Imported (foreign) elemental sulfur			
	Indicate the quantity of imported elemental sold or used...	301		
	Domestic elemental sulfur			
	Please indicate the quantity of elemental sulfur purchased or received from other producers of elemental sulfur.....	303		

Section 3. Sulfuric acid sold or used by end use industries. (Please complete this part of the form if you are a producer of sulfuric acid.)

In COLUMN 2, report combined sales and use of ALL sulfuric acid for each appropriate end use listed in the form. Include quantities: (1) Produced by your establishment, (2) Purchased or transferred from other sulfuric acid plants, or (3) Imported. In COLUMN 3, report receipts of acid sludge, spent acid, dilute acid, or other forms of used acid for burning, regeneration, fortification, or concentration. Report by industries from which it was received.

SIC CODE	DOMESTIC END USE INDUSTRY (1)	ADP CODE	100% SULFURIC ACID EQUIVALENT CALENDAR YEAR	
			Sold or used (short tons) (2)	Receipts of used acid (short tons) (3)
	Metal Mining:			
102	Copper ores.....	201		
1094	Uranium and vanadium ores.....	202		
10	Other ores.....	204		
	Paper and allied products:			
261	Pulp mills.....	206		
26	Other paper products.....	208		
	Chemicals and allied products:			
2816	Inorganic pigments.....	210		
281	Other inorganic chemicals.....	211		
2822	Synthetic rubber.....	212		
2823	Cellulosic fibers including rayon.....	213		
282	Other plastic materials and synthetics.....	214		
283	Drugs.....	215		
284	Soaps and detergents.....	216		
285	Paints and allied products.....	217		
286	Industrial organic chemicals.....	218		
2873	Nitrogenous fertilizers.....	219		
2874	Phosphatic fertilizers.....	220		
2879	Pesticides.....	221		
287	Other agricultural chemicals.....	222		
2892	Explosives.....	223		
2899	Water treating compounds.....	224		
28	Other chemical products.....	226		
	Petroleum and coal products:			
291	Petroleum refining.....	228		
29	Other petroleum and coal products.....	230		
30	Rubber and misc. plastic products.....	232		
	Primary metal industries:			
331	Steel pickling.....	233		
333	Nonferrous metals.....	234		
33	Other primary metals.....	236		
3691	Storage batteries (acid).....	238		
	Other identified end uses (please specify)			

	Other unidentified end uses.....	258		
	(Please check appropriate box or boxes)			
	SOLD <input type="checkbox"/> OR TRANSFERRED <input type="checkbox"/> TO YOUR OWN OR OTHER COMPANIES' SULFURIC ACID PLANTS.....	259		
	Exports.....	261		
	TOTAL.....	262		
	Imported (foreign) elemental sulfur			
	Please indicate the quantity of elemental sulfur used by you to produce sulfuric acid.....	302		

OVER

TO AVOID POSSIBLE DOUBLE-COUNTING IN CODE LINE 148, PLEASE LIST TO WHOM YOU SOLD ELEMENTAL SULFUR.

NAME OF COMPANY	PLANT LOCATION	Code	Quantity sold (long tons)
		401	
		402	
		403	