

UNITED STATES DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY 986 NATIONAL CENTER RESTON, VIRGINIA 20192

GALLIUM

INDIVIDUAL COMPANY DATA - PROPRIETARY

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FACSIMILE NUMBER 1-800-543-0661

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Location of establishment: Ne	arest city	or town		County		State			
SECTION 1. Stocks, receipts	, produc	tion, and dispositi	on of gallium. (gi	oss weight in gram	ns)				
	Report or	nly the quantity of m	ietal, compounds, c	or residues in your p	plant at the beginni	ng of the year.			
	Report the quantity of metals, compounds, or residues received at your plant during the year.								
	Report the quantity of metal produced during the year from residues; or if metal is further processed to compounds; report production of compounds.								
•	Report the quantity of each type consumed by the reporting establishment during the year.								
Column 6. Reshipments.	Report only that quantity of gallium metal and/or compounds shipped during the year in the same form in which received. DO NOT REPORT SHIPMENT OF FINAL PRODUCTS.								
Column 7. Ending stocks.	Report only the quantity of metal, compounds, or residues in your plant at the end of the year.								
Туре (1)	Code	Beginning stocks (2)	Receipts (3)	Production (4)	Consumption (5)	Reshipments (6)	Ending stocks (7)		
Gallium metal: 97.0 - 99.9% (3N or less)	201								
99.99% - 99.999% (4N-5N)									
99.9999% (6N)	226								
99.99999% (7N)	227								
Gallium compounds:	206								
Arsenide (GaAs)									
Oxide (Ga ₂ O ₃)									
Phosphide (GaP)	208				-				
Arsenide-phosphide (GaAsP)	210								
Aluminum-arsenide (GaAlAs)	228								
Trimethylgallium (TMG)	229								
Triethylgallium (TEG)	230								
Other <i>(specify)</i>	-								
Gallium arsenide scrap									
Residues									
Other materials <i>(specify)</i>									
							<u> </u>		

SECTION 2. Consumption of gallium by use. (gross weight in grams) Report the quantity of each item consumed (SECTION 1, COLUMN 5) by use. Gallium arsenide ingot and wafer manufacturers: Report or estimate quantity of your product used in each of these applications.

		GALLIUM METAL							
Use (1)	Code	97.0% - 99.9% (3N or less) (2)	99.99% - 99.999% (4N - 5N) (3)	99.9999% (6N) (4)	99.99999% (7N) (5)				
Dptoelectronic devices: Light emitting diodes	303								
Laser diodes	315								
Photodetectors	316								
Solar cells	317								
Other (specify)	318								
ntegrated circuits: Analog - commercial	319								
Analog - military	320								
Digital - commercial	321								
Digital - military	322								
Research and development	306								
Dental alloys	301								
Other alloys	302								
)ther <i>(specify)</i>									
	307								

		GALLIUM COMPOUNDS							
Use (1)	Code	Arsenide (GaAs) (6)	Oxide (Ga ₂ O ₃) (7)	Phosphide (GaP) (8)	Arsenide- phosphide (GaAsP) (9)	Aluminium- arsenide (GaAlAs) (10)	Trimethyl- gallium (TMG) (11)	Triethyl- gallium (TEG) (12)	Other <i>(specify)</i> (13)
Optoelectronic devices: Light emitting diodes	403								
Laser diodes	415								
Photodetectors	416								
Solar cells	417								
Other <i>(specify)</i>	418								
Integrated circuits: Analog - commercial	419								
Analog - military	420								
Digital - commercial	421								
Digital - military	422								
Research and development	406								
Dental alloys	401								
Other alloys	402								
Other (specify)									
	407								

Remarks:

Name of person t	o be contact	ed regarding this report	Tel. area code	No.	Ext.				
Address	No.	Street	City	I	State	ZIP Code			
May tabulations be published which could indirectly reveal the data reported above? (1) Yes (2) No									
Signature			Title			Date			