



C37

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

MERCURY

**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 voluntary reporting burden for this collection of information is estimated to average 75 MINUTES 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.**

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.

Location of plant: State _____ County _____ City or town _____

SECTION 1. Stocks, receipts, production and disposition of mercury.

| Type (1) | Code | Report basis (2) | Weight unit (3) | Physical inventory adjustment only (4) | Beginning stocks (5) | Receipts (6) | Production (7) | (8) | Consumption (9) | Shipments (10) | (11) | Ending stocks (12) |
|--|------|--|-----------------------|--|----------------------------|-----------------|-------------------|-----|--------------------|-------------------|------|--------------------------|
| Primary mercury (except redistilled)..... | 201 | CONTAINED WEIGHT (2) --- POUNDS (2) ----- | | | | | () | | | | | |
| Recycled mercury (redistilled + secondary)..... | 202 | | | | | | | | | | | |
| TOTAL | 299 | | | | | | | | | | | |

Remarks:

| | | | | | | | | | | | |
|--|--|-----|--|----------------|--|------|--|-------|--|----------|--|
| Name of person to be contacted regarding this report | | | | Tel. area code | | No. | | Ext. | | | |
| Address | | No. | | Street | | City | | State | | ZIP Code | |
| Signature | | | | Title | | | | Date | | | |

SECTION 2. Consumption of mercury by end use.

| SIC CODE | END-USE CLASSIFICATION | ADP CODE | Primary mercury (pounds) (201) | Recycled mercury (redistilled + secondary) (pounds) (202) | Total (pounds) (299) | NOTE: The uses indicated in SECTION 2 under "End use" should include those below under the appropriate headings: |
|----------|---|----------|--------------------------------|---|----------------------|---|
| 2812 | CHEMICAL AND ALLIED PRODUCTS: Chlorine and caustic soda preparation..... | 401 | | | | |
| 2819 | Laboratory uses..... | 404 | | | | |
| 285 | Paint..... | 407 | | | | |
| 2802 | Chemicals and allied products not elsewhere classified..... | 410 | | | | |
| 28 | SUBTOTAL..... | 411 | | | | |
| 364 | ELECTRICAL AND ELECTRONIC INSTRUMENTS: Electrical lighting..... | 412 | | | | SIC 364 - Electrical lamps, motion picture lamps, heat therapy, mercury lamps, street lights. |
| 3643 | Wiring devices and switches..... | 413 | | | | |
| 369 | Batteries..... | 414 | | | | SIC 369 - Batteries, primary and storage, battery zincs and standard cells. |
| 3601 | Other electrical and electronic equipment (rectifiers, oscillators, cathode tubes, etc.)..... | 415 | | | | |
| 36 | SUBTOTAL..... | 416 | | | | |
| 382 | INSTRUMENTS AND RELATED PRODUCTS: Measuring and control devices..... | 417 | | | | SIC 382 - Thermometers, barometers, heat-control devices, gas pressure and other tank gages, gas analysis apparatus, flow meters, vacuum pumps. |
| 384 | Dental equipment and supplies..... | 418 | | | | |
| 3801 | Other instruments and related products..... | 419 | | | | |
| 38 | SUBTOTAL..... | 420 | | | | |
| | OTHER IDENTIFIED END USES: <i>(specify)</i> _____ _____ | | | | | |
| | * OTHER UNIDENTIFIED END USES: _____ _____ | | | | | |
| | GRAND TOTAL..... | 499 | | | | |

* If the end use is not known, please provide below the names of the purchasers, their addresses, and the pounds shipped. This will help us to obtain complete information on the end uses of mercury.

| Name | Address | Quantity (pounds) |
|------|---------|-------------------|
| | | |
| | | |
| | | |

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GENERAL INSTRUCTIONS

Please return this form in the enclosed envelope or fax to the above toll-free number **BY THE 15TH OF THE MONTH** following the reporting period. Complete a separate form for each plant. If you do not have exact data, please enter your best estimates and mark with an /e. Use zero when appropriate. Do not report decimals or fractions. Round to the nearest whole number. If you have nothing to report, please complete "Location of plant", sign, and return the form. Please do not make entries in shaded areas. Please use the space for "Remarks" to provide any specific information that will help us in the use or interpretation of the data. Any statement on the effect of changes in economic conditions upon the reporting establishment will be useful. Additional forms are available upon request.

In describing products or materials, do not use brand or trade names.

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

SPECIFIC INSTRUCTIONS

SECTION 1. Stocks, receipts, production, and disposition of mercury.

Column 1. Type.

CODE 201 - "Primary mercury" (except redistilled) is that metal produced directly from ores and is sometimes referred to as "prime virgin mercury."

CODE 202 - "Redistilled mercury" is primary mercury further processed or refined to a higher grade and is sometimes referred to as "triple distilled" mercury. Do not include mercury which has been redistilled from secondary mercury. "Secondary mercury" is that reclaimed by processing mercury-bearing scrap consisting of worn out or obsolete items and waste products such as used batteries, dental amalgams, residues, and sludges and metal retrieved from chlorine and caustic soda plants. Secondary mercury includes all mercury derived from secondary sources, including mercury which has been redistilled from secondary mercury.

Columns 2-3. Self-explanatory.

Column 4. Physical inventory adjustment only.

Report adjustments necessary to correct ending inventory shown for the preceding reporting period. If adjustment is significant, explain under "Remarks." Show negative figures in parentheses.

Column 5. Beginning stocks.

Report all primary, redistilled, and secondary mercury you have on hand at this establishment at the beginning of the reporting period, regardless of ownership. Do not include in-process stocks. *Entries in COLUMN 5 should reflect the inventory adjustment (COLUMN 4) made to ending stocks (COLUMN 12) of the preceding report.*

Column 6. Receipts.

Report quantities of primary, redistilled, and secondary mercury received during the reporting period. Do not include weight of scrap.

NOTE: Do not include mercury restored to a pure state on toll from "dirty mercury" or from "spent catalysts" and returned for the same use. It does not contribute to supply and should not be counted as used again. Also, do not include processed mercury that needs further refining.

OVER

SPECIFIC INSTRUCTIONS *(continued)*

Column 7. **Production.**

CODE 201 - Report, as a minus quantity in the parentheses, the amount of primary mercury upgraded to redistilled mercury.

CODE 202 - Report the quantity of redistilled mercury produced from primary mercury received during the reporting period and/or from primary mercury in stock at the beginning of the reporting period. Report quantity of secondary mercury produced from scrap during the reporting period.

NOTE: Do not include mercury restored to a pure state on toll from "dirty mercury" or from "spent catalysts" and returned for the same use. It does not contribute to supply and should not be counted as used again. Also, do not include processed mercury that needs further refining.

Column 9. **Consumption.**

Report total quantities of primary, redistilled, and secondary mercury consumed directly by you. Do not include cleaned mercury or revitalized catalysts returned for the same use.

Column 10. **Shipments.**

CODE 201 - Report the quantity of primary mercury shipped by you in form received.

CODE 202 - Report the quantity of redistilled mercury received or produced and shipped by you in this form. Report the quantity of secondary mercury received or produced and shipped by you in this form.

Column 12. **Ending stocks.**

Report all primary, redistilled, and secondary mercury you have on hand at this establishment at the end of the reporting period, regardless of ownership. Do not include in-process stocks. For each line, the entry in COLUMN 12 should equal COLUMN 5 plus COLUMN 6 plus or minus COLUMN 7 minus COLUMN 9 minus COLUMN 10.

SECTION 2. Consumption of mercury by end use.

REPORT ALL QUANTITIES IN CONTAINED WEIGHT OF MERCURY IN POUNDS.

SECTION 2 is an end-use breakdown by SIC Code Numbers of all quantities of primary, redistilled, or secondary mercury either consumed by you or shipped to others and consumed by them.

Please report mercury consumed on the basis of final rather than intermediate use. For example, the mercury in mercurial compounds made by you and used by you or shipped to a firm to make plant fungicides, pesticides, or bactericides should be reported for Agriculture chemicals. If used for medicines, the quantities should be shown for Pharmaceuticals. If mercury metal is shipped to firms who will use it in control instruments, electrical apparatus, etc., these quantities are to be shown for the category for which used.

SIC Code 2812, "Chlorine and caustic soda", is for reporting the amount of mercury used to replace losses during the period. Quantities employed to equip mercury cells of new plants should be shown as SIC Code MISSING for the period in which the new plant or expansion becomes operative.

Grand totals should equal the respective combined totals of COLUMNS 9 and 10 in SECTION 1. Thus, for example, the grand total in SECTION 2, COLUMN 201, should equal the combined totals of SECTION 1, CODE 201, COLUMNS 9 and 10.

