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

QUARTZ CRYSTAL

**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. Unless objection is made in writing to the USGS, the information furnished in this report may be disclosed to the respondent's State Geological Survey (or similar State Agency) if the State has appropriate safeguards to prevent disclosing company proprietary data.

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└ (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 30 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. Please complete and return a separate form for each plant 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.

If separate reports are not feasible, a combined report will be acceptable provided you furnish the names and locations of all plants included in the consolidated report. In completing this form, reasonable estimates should be used wherever exact data are not available.

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.

Report all quantities to the nearest pound or number, as noted, and cost or market value f.o.b. plant to the nearest dollar.

DEFINITIONS FOR UNCUT RAW QUARTZ AND PRODUCTS

- Lasca is raw lump quartz used as a feedstock for cultured quartz production. Other silica feedstocks include any other source of silica such as quartzite, flint, sandstone, etc.
- Cultured quartz is crystal grown from lasca or other silica feedstock.
- "As grown" quartz crystal is raw uncut crystal in the same form as it was when removed from the autoclave.
- Lumbered quartz is cultured quartz that has been cut or milled to remove unusable faces.

LOCATION OF PLANT COVERED BY THIS REPORT

Nearest city or town _____ County _____ State _____

Section 1. Consumption of lasca for production of cultured quartz.

| Item (1) | Code | Beginning stocks (pounds) (2) | Receipts (pounds) (3) | Value of receipts (4) | Consumed for production of cultured quartz crystal (pounds) (5) | Value (f.o.b. plant) (6) | Ending stocks (pounds) (7) |
|--|------|-------------------------------|-----------------------|-----------------------|---|--------------------------|----------------------------|
| Lasca or other silica feedstock Source country: _____ | 101 | | | | | | |

Section 2. Production, sales, and stocks of cultured quartz crystal.

REPORT PRODUCTION (total crystal grown minus rejected material) of "as grown" crystal in COLUMN 3; record sales and stocks of "as grown" and lumbered crystal in the appropriate columns.

| Item (1) | Code | Beginning stocks (pounds) (2) | Production of "as grown" quartz crystal (pounds) (3) | Sales | | | | Ending Stocks | |
|------------------------------|------|-------------------------------|--|-----------------------|--------------------------|-----------------------|--------------------------|-------------------------|-----------------------|
| | | | | "As grown" | | Lumbered | | "As grown" (pounds) (8) | Lumbered (pounds) (9) |
| | | | | Quantity (pounds) (4) | Value (f.o.b. plant) (5) | Quantity (pounds) (6) | Value (f.o.b. plant) (7) | | |
| Cultured quartz crystal..... | 201 | | | | | | | | |

Section 3. Consumption of cultured and natural quartz crystal.

This section is to be completed by ALL CONSUMERS of natural and/or cultured quartz. Report quantity consumed for production of intermediate products or finished crystal units.

| Item (1) | Code | Beginning stocks (2) | Receipts (pounds) (3) | Value of receipts (4) | Quantity consumed (pounds) (5) | Ending stocks (pounds) (6) |
|--|------|----------------------------|-----------------------------|-----------------------------|---|-------------------------------------|
| Natural crystal Source country: _____ | 301 | | | | | |
| Cultured crystal: "As grown"..... | 302 | | | | | |
| Cultured crystal: Lumbered..... | 303 | | | | | |
| Electronic..... | 304 | | | | | |
| Optical..... | 305 | | | | | |
| Other (please specify) _____ | 306 | | | | | |
| _____ | 307 | | | | | |

Remarks:

| | | | | | | | | | | | |
|--|--|-----|----------------|--------|-----|------|------|-------|--|----------|--|
| Name of person to be contacted regarding this report | | | 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 | | |
|-----------|--|--|-------|--|--|------|--|--|