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MARKET INTELLIGENCE

**MAGNESIUM OXIDE
NOT LESS THAN 94% PURE**

Pub. No.: 91021-IP

July 1991



Canada



MAGNESIUM OXIDE NOT LESS THAN 94% PURE

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REFERENCE SOURCES

Industry, Science and Technology Canada
Statistics Canada, Tel.: (613) 951-9647
Revenue Canada, Tel.: (613) 954-6928
U.S. Department of Commerce,
Bureau of the Census,
Tel.: (301) 763-7754

TARIFFS

Enquiries concerning Canadian tariffs should be directed to the nearest Customs and Excise office or to:

Tariff Programs
Revenue Canada
Customs and Excise
Ottawa, Ontario K1A 0L5
Tel.: (613) 954-6928
Fax.: (613) 954-2509

Enquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

Info Export
External Affairs
Ottawa, Ontario
K1A 0G2
Tel.: (613) 993-6435 OR
1-800-267-8376
Fax.: (613) 996-9709

EXPLANATORY NOTES

Commodity Classification

Canadian Trade statistics are classified and published according to the International Convention on the Harmonized Commodity and Description Coding System (H.S.), as defined by the Canadian Customs Tariff and Statistical Nomenclature.

Valuation

Dollar values shown in this report are based on selling price F.O.B. plant, in Canadian dollars. This selling price represents the value paid by the importer, excluding all freight, packing and insurance costs when specified. All trade discounts, when applicable, are also deducted from the selling price.

Rounding

Figures may not add due to rounding.

Canada - U.S. Exchange Rate

The Bank of Canada exchange rates were used to convert U.S. imports reported in \$US to \$Cdn.

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MAGNESIUM OXIDE NOT LESS THAN 94% PURE

I. INTRODUCTION AND SCOPE

This is one of a continuing series of market intelligence reports designed to increase business awareness of the potential existing for production in Canada and to assist businesses and other organizations in their market research of specific products. The detailed information provided in these reports supports studies by organizations seeking to expand existing production lines, change individual product characteristics or engage in new manufacturing investment in Canada. The coverage of a market intelligence report is developed in close consultation with the client, and is tailored to meet their specific requirements. It is important to emphasize that this report does not attempt any assessment as to the feasibility of competing in a particular market.

This report is based on data from several sources. The following is a list of Harmonized System (H.S.) import commodity codes dealing with magnesium whether or not pure. This report deals only with magnesium oxide not less than 94 % pure (H.S. 2519.90.10). Other related reports are also listed.

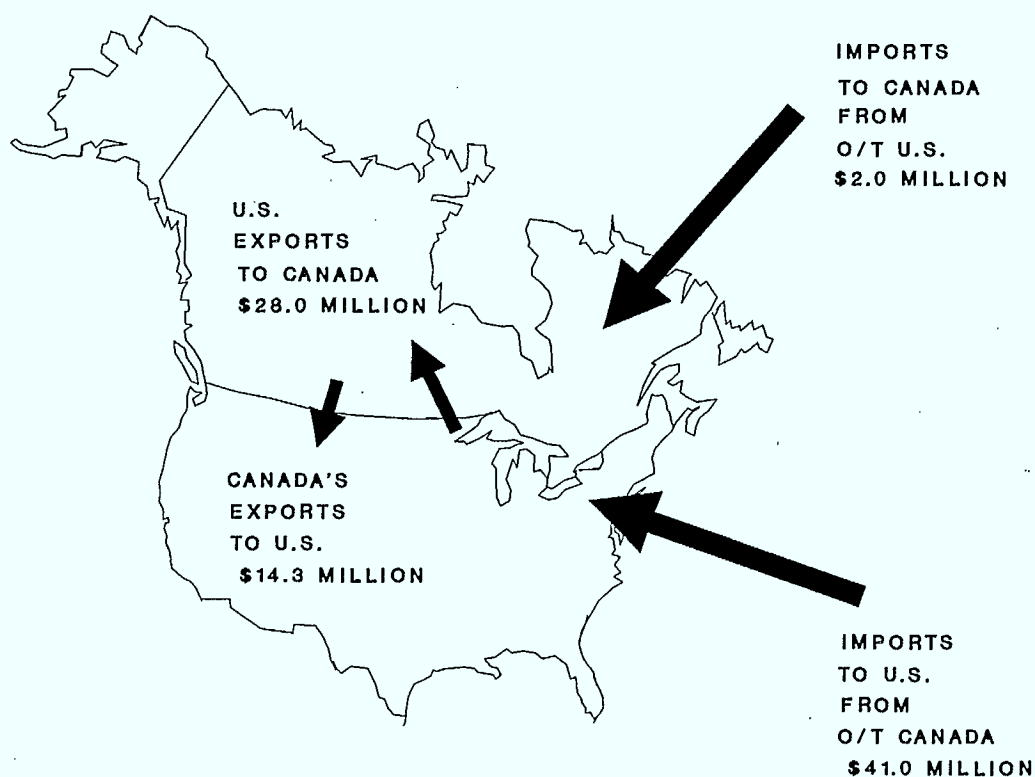
<u>Description</u>	<u>H.S. Commodity Code Analyzed</u>	<u>Related Reports Pub. Nos.</u>
Natural magnesium carbonate (magnesite); fused magnesia; dead-burned (sintered) magnesia, whether or not containing small quantities of other oxides added before sintering; other magnesium oxide, whether or not pure.		
-Natural magnesium carbonate (magnesite)		91017-IP
---Crude rock form		
---Other		
-Other (2519.90)		
---Magnesium oxide not less than 94% pure (2519.90.10)		
----Dead-burned (sintered) magnesia	2519.90.10.10	
----Fused magnesia	2519.90.10.20	
----Caustic-burned magnesia	2519.90.10.30	
----Abrasive grains	2519.90.10.91	
----Other	2519.90.10.99	
---Other		91022-IP
----Dead-burned		
----Fused magnesia		
----Caustic-burned magnesia		
----Other		

Total imports in 1990 for all of the above products were valued at \$39.4 million. Imports of magnesium oxide not less than 94% pure included in this report amounted to \$30.3 million or 77 per cent of the total.

91021-IP

MAGNESIUM OXIDE NOT LESS THAN 94% PURE
(H.S. 2519.90.10)

II. NORTH AMERICAN IMPORTS - 1990



North American Imports - \$43.0 Million*

* Excludes Canada - U.S. bilateral trade; Mexico

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

(H.S. 2519.90.10)

III. SUMMARY OF CANADIAN IMPORTS

<u>Description and Commodity Code</u>	<u>1988</u>		<u>Total Imports 1989</u>		<u>1990</u>		<u>Major Country of Export to Canada % of Total Value</u>		
	<u>Quantity (000 kg)</u>	<u>Value (\$000)</u>	<u>Quantity (000 kg)</u>	<u>Value (\$000)</u>	<u>Quantity (000 kg)</u>	<u>Value (\$000)</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Magnesium oxide not less than 94% pure:									
Dead-burned (sintered) magnesia H.S. 2519.90.10.10	68 672	22 191	61 483	18 085	58 952	18 256	USA 77	USA 93	USA 95
Fused magnesia H.S. 2519.90.10.20	*	*	*	*	199	304	-	-	USA 100
Caustic-burned magnesia H.S. 2519.90.10.30	*	*	*	*	541	122	-	-	People's Rep. of China 72
Abrasive grains H.S. 2519.90.10.91	304	134	31	28	34	29	USA 100	USA 100	USA 100
Other, not elsewhere specified H.S. 2519.90.10.99	6 783	4 395	3 388	3 604	25 844	11 633	USA 73	USA 68	USA 87

* Previously included in H.S. code 2519.90.10.99

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

(H.S. 2519.90.10)

III. SUMMARY OF CANADIAN IMPORTS (Cont'd)

1990 CANADIAN IMPORTS BY PROVINCE OF CUSTOMS CLEARANCE

DEAD-BURNED (SINTERED MAGNESIUM) (H.S. 2519.90.10.10)

	<u>Nfld.</u>	<u>P.E.I.</u>	<u>N.S.</u>	<u>N.B.</u>	<u>Qué.</u>	<u>Ont.</u>	<u>Man.</u>	<u>Sask.</u>	<u>Alta.</u>	<u>B.C.</u>	<u>All Provinces*</u>
Quantity (000 kg)	-	-	69	23	24 994	28 760	359	3 389	1 356	3	58 952
Value (\$000)	-	-	58	19	6 735	9 853	240	871	473	2	18 256

FUSED MAGNESIA (H.S. 2519.90.10.20)

	<u>Nfld.</u>	<u>P.E.I.</u>	<u>N.S.</u>	<u>N.B.</u>	<u>Qué.</u>	<u>Ont.</u>	<u>Man.</u>	<u>Sask.</u>	<u>Alta.</u>	<u>B.C.</u>	<u>All Provinces*</u>
Quantity (000 kg)	-	-	-	-	20	159	-	20	-	-	199
Value (\$000)	-	-	-	-	43	248	-	12	-	-	304

CAUSTIC-BURNED MAGNESIA (H.S. 2519.90.10.30)

	<u>Nfld.</u>	<u>P.E.I.</u>	<u>N.S.</u>	<u>N.B.</u>	<u>Qué.</u>	<u>Ont.</u>	<u>Man.</u>	<u>Sask.</u>	<u>Alta.</u>	<u>B.C.</u>	<u>All Provinces*</u>
Quantity (000 kg)	-	-	-	-	476	65	-	-	-	-	541
Value (\$000)	-	-	-	-	88	34	-	-	-	-	122

ABRASIVE GRAINS (H.S. 2519.90.10.91)

	<u>Nfld.</u>	<u>P.E.I.</u>	<u>N.S.</u>	<u>N.B.</u>	<u>Qué.</u>	<u>Ont.</u>	<u>Man.</u>	<u>Sask.</u>	<u>Alta.</u>	<u>B.C.</u>	<u>All Provinces*</u>
Quantity (000 kg)	-	-	-	-	-	33	-	-	-	**	34
Value (\$000)	-	-	-	-	-	28	-	-	-	**	29

OTHERS; (H.S. 2519.90.10.99)

	<u>Nfld.</u>	<u>P.E.I.</u>	<u>N.S.</u>	<u>N.B.</u>	<u>Qué.</u>	<u>Ont.</u>	<u>Man.</u>	<u>Sask.</u>	<u>Alta.</u>	<u>B.C.</u>	<u>All Provinces*</u>
Quantity (000 kg)	-	-	-	20 200	2 100	3 248	44	7	195	49	25 844
Value (\$000)	-	-	-	6 782	1 011	3 660	75	11	77	13	11 633

* Includes Yukon and Northwest Territories

** Less than one thousand

MAGNESIUM OXIDE NOT LESS THAN 94% PURE
IV. CANADIAN IMPORTS BY MAJOR COUNTRIES OF ORIGIN

DEAD-BURNED (SINTERED) MAGNESIA (H.S. 2519.90.10.10)

<u>Country of Origin⁽¹⁾</u>	<u>1988</u>				<u>1989</u>				<u>1990</u>			
	<u>Quantity</u> (000 kg)	<u>Value</u> (\$000)	<u>Import Market Share</u> (% based on value)	<u>Average Unit Price</u> (\$/kg)	<u>Quantity</u> (000 kg)	<u>Value</u> (\$000)	<u>Import Market Share</u> (% based on value)	<u>Average Unit Price</u> (\$/kg)	<u>Quantity</u> (000 kg)	<u>Value</u> (\$000)	<u>Import Market Share</u> (% based on value)	<u>Average Unit Price</u> (\$/kg)
United States	51 456	17 074	77	0.33	51 706	16 741	93	0.32	52 224	17 293	95	0.33
People's Republic of China	-	-	-	-	8 883	923	5	0.10	6 410	828	5	0.13
Federal Republic of Germany	-	-	-	-	570	257	1	0.45	314	132	*	0.42
France	-	-	-	-	-	-	-	-	3	2	*	0.67
Japan	-	-	-	-	24	19	*	0.79	1	1	*	1.00
Netherlands	206	151	*	0.73	200	101	*	0.50	-	-	-	-
Greece	1 000	394	2	0.39	100	44	*	0.44	-	-	-	-
Brazil	8 800	1 644	7	0.19	-	-	-	-	-	-	-	-
Italy	4 078	1 499	7	0.37	-	-	-	-	-	-	-	-
Netherlands Antilles	2 489	1 065	5	0.26	-	-	-	-	-	-	-	-
South Africa	500	306	1	0.61	-	-	-	-	-	-	-	-
Austria	143	57	*	0.40	-	-	-	-	-	-	-	-
Other	**	1	-	-	-	-	-	-	-	-	-	-
TOTAL	68 672	22 191	100	0.32	61 483	18 085	100	0.29	58 952	18 256	100	0.31

⁽¹⁾ Countries are in descending order based on value for 1990

* Less than one per cent

** Less than one thousand

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

IV. CANADIAN IMPORTS BY MAJOR COUNTRIES OF ORIGIN (Cont'd)

FUSED MAGNESIA (H.S. 2519.90.10.20)

Country of Origin ⁽¹⁾	1988 ⁽²⁾				1989 ⁽²⁾				1990			
	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)
United States	-	-	-	-	-	-	-	-	199	304	100	1.53
TOTAL	0	0	0	0.00	0	0	0	0.00	199	304	100	1.53

CAUSTIC-BURNED MAGNESIA (H.S. 2519.90.10.30)

Country of Origin ⁽¹⁾	1988 ⁽²⁾				1989 ⁽²⁾				1990			
	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)
People's Republic of China	-	-	-	-	-	-	-	-	476	88	72	0.18
United States	-	-	-	-	-	-	-	-	65	34	28	0.82
TOTAL	0	0	0	0.00	0	0	0	0.00	541	122	100	0.23

(1) Countries are in descending order based on value for 1990

(2) Previously included in H.S. code 2519.90.10.99

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

IV. CANADIAN IMPORTS BY MAJOR COUNTRIES OF ORIGIN (Cont'd)

ABRASIVE GRAINS (H.S. 2519.90.10.91)

Country of Origin ⁽¹⁾	1988				1989				1990			
	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)
United States	304	134	100	0.44	31	28	100	0.90	33	28	100	0.85
Federal Republic of Germany	-	-	-	-	-	-	-	-	1	1	*	1.00
TOTAL	304	134	100	0.44	31	28	100	0.90	34	29	100	0.85

OTHERS, NOT ELSEWHERE SPECIFIED (H.S. 2519.90.10.99)

Country of Origin ⁽¹⁾	1988				1989				1990			
	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)
United States	5 828	3 196	73	0.55	2 703	2 451	68	0.91	25 255	10 131	87	0.40
Japan	801	1 116	25	1.39	238	969	27	4.07	367	1 331	11	3.63
United Kingdom	116	68	1	0.59	399	153	4	0.38	215	137	1	0.64
Federal Republic of Germany	3	2	*	0.67	-	-	-	-	8	34	*	4.25
Netherlands	35	12	*	0.34	57	30	*	0.53	-	-	-	-
Other	**	1	-	-	1	1	*	1.00	-	-	-	-
TOTAL	6 783	4 395	100	0.65	3 398	3 604	100	1.06	25 844	11 633	100	0.45

⁽¹⁾ Countries are in descending order based on value for 1990

* Less than one per cent

** Less than one thousand

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

V. CANADIAN PRODUCTION

Magnesium oxide not less than 94% pure is produced in Canada, but Statistics Canada does not provide data on production by Canadian manufacturers.

Any enquiries and/or comments regarding Canadian production should be directed to:

Statistics Canada
Industry Division
Survey of Manufactures Section
Ottawa, Ontario
K1A 0T6
Tel.: (613) 951-3523

VI. CANADIAN EXPORTS*

<u>Description and Commodity Code</u>	1988		1989		1990		Major Country of Destination % of Total Value		
	<u>Quantity</u>	<u>Value</u>	<u>Quantity</u>	<u>Value</u>	<u>Quantity</u>	<u>Value</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
	(000 kg)	(\$000)	(000 kg)	(\$000)	(000 kg)	(\$000)			
Magnesia, fused, dead-burned, etc. and magnesium oxide pure or not H.S. 2519.90	66 929	22 046	56 334	18 376	60 300	21 721	USA 85	USA 79	USA 73

* Same data as in report Pub. no. 91022-IP

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

VII. CANADIAN IMPORTERS - 1990

DEAD-BURNED (SINTERED) MAGNESIUM (H.S. 2519.90.10.10)

There were 42 known importers of dead-burned (sintered) magnesium in 1990. The principal five importers accounted for 79 per cent of the total import value.

<u>Principal Importers</u> (No.)	<u>Cumulative Value</u> (\$000)	<u>Cumulative % of Total Value</u>
5	14 334	79
10	17 604	96
15	17 945	98
25	18 175	99
All Importers (42)	18 256	100

The principal 25 importers of dead-burned (sintered) magnesium during 1990 are listed below in alphabetical order. Where the importer is not the same as the consignee (i.e. the recipient of the goods shipped), the name of the consignee rather than that of the importer is listed. The importer or consignee is not necessarily the end-user of the product.

NOTE: This list includes all principal importers except individuals.

<u>Nom</u>	<u>Adresse</u>	<u>Nom</u>	<u>Adresse</u>
Bimac Canada Metallurgical Ltd.	Burlington, Ont.	Gates Canada Inc.	Brantford, Ont.
Burton Rubber Processing Ltd.	Tillsonburg, Ont.	General Die & Engineering Co.	Wyoming, MI, USA*
Canada Colors & Chemicals Ltd.	Don Mills, Ont.	General Refractories	
Canadian Refractories Division		Co. of Canada Ltd.	Smithville, Ont.
Dresser Industries Canada Ltd.	Grenville, Qué.	Gusdorf Canada Limitée	Ville St-Laurent, Qué.
Canparts Automotive		IPSCO Industries	Regina, Sask.
International Ltd.	Cambridge, Ont.	Kenpal Farm Products Inc.	Centralia, Ont.
Celanese Canada Inc.	Edmonton, Alta.	National Refractories	
Co-opérative Fédérée		& Minerals Corp.	Oakville, Ont.
du Québec	Montréal, Qué.	New Brunswick Electric	
Didier Corporation Refractaire	Dorval, Qué.	Power Commission	Fredericton, N.B.
Distex SNA Inc.	Montréal, Qué.	North American Refractories Co.	Celadonia, Ont.
Dresser Canada Inc.	Burlington, Ont.	Pyrotenax of Canada Ltd.	Trenton, Ont.
Exolon-Esk Company of		Santech Inc.	Toronto, Ont.
Canada Ltd.	Thorold, Ont.	Washington Mills Electro	
Fortamix, Div. of BASF Canada	Montréal, Qué.	Minerals Inc.	Niagara Falls, Ont.
Frontier Refractories Inc.	Grimsby, Ont.		

* Non resident importer

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

VII. CANADIAN IMPORTERS - 1990 (Cont'd)

FUSED MAGNESIA (H.S. 2519.90.10.20)

There were five known importers of fused magnesia in 1990.

<u>Principal Importers</u> (No.)	<u>Cumulative Value</u> (\$000)	<u>Cumulative % of Total Value</u>
All Importers (5)	304	100

Importers of fused magnesia during 1990 are listed below in alphabetical order. Where the importer is not the same as the consignee (i.e. the recipient of the goods shipped), the name of the consignee rather than that of the importer is listed. The importer or consignee is not necessarily the end-user of the product.

NOTE: This list includes all importers except individuals.

<u>Name</u>	<u>Address</u>
Didier Corporation Réfractaire	Dorval, Qué.
Dresser Industries Canada Ltd.	Niagara Falls, Ont.
Fibro Friction Inc.	R.O.P., Qué.
IPSCO Industries	Regina, Sask.
Pyrotenax of Canada Ltd.	Trenton, Ont.

CAUSTIC-BURNED MAGNESIA (H.S. 2519.90.10.30)

There were three known importers of caustic-burned magnesia in 1990.

<u>Principal Importers</u> (No.)	<u>Cumulative Value</u> (\$000)	<u>Cumulative % of Total Value</u>
All Importers (3)	121	100

Importers of caustic-burned magnesia during 1990 are listed below in alphabetical order. Where the importer is not the same as the consignee (i.e. the recipient of the goods shipped), the name of the consignee rather than that of the importer is listed. The importer or consignee is not necessarily the end-user of the product.

NOTE: This list includes all importers except individuals.

<u>Name</u>	<u>Address</u>
Dresser Industries Canada Ltd.	Niagara Falls, Ont.
Norsk Hydro Canada Inc.	Montréal, Qué.
Thermon Manufacturing Ltd.	Hyde Park, Ont.

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VII. CANADIAN IMPORTERS - 1990 (Cont'd)

ABRASIVE GRAINS (H.S. 2519.90.10.91)

There were five known importers of abrasive grains in 1990.

<u>Principal Importers</u> (No.)	<u>Cumulative Value</u> (\$000)	<u>Cumulative % of Total Value</u>
All Importers (5)	29	100

Importers of abrasive grains during 1990 are listed below in alphabetical order. Where the importer is not the same as the consignee (i.e. the recipient of the goods shipped), the name of the consignee rather than that of the importer is listed. The importer or consignee is not necessarily the end-user of the product.

NOTE: This list includes all importers except individuals.

Name

Didier Corp.
Hobart Brothers of Canada Ltd.
Nella Cutlery Service
Optocoating Ltd.
Quest Vitamin Supplies Ltd.

Address

Dorval, Qué.
Woodstock, Ont.
Mississauga, Ont.
Mississauga, Ont.
Vancouver, B.C.

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

VII. CANADIAN IMPORTERS - 1990 (Cont'd)

OTHER (H.S. 2519.90.10.99)

There were 68 known importers of other, not elsewhere specified in 1990. The principal five importers accounted for 82 per cent of the total import value.

<u>Principal Importers (No.)</u>	<u>Cumulative Value (\$000)</u>	<u>Cumulative % of Total Value</u>
5	9 591	82
10	10 403	89
15	10 837	93
25	11 296	97
All Importers (68)	11 633	100

The principal 25 importers of other, not elsewhere specified during 1990 are listed below in alphabetical order. Where the importer is not the same as the consignee (i.e. the recipient of the goods shipped), the name of the consignee rather than that of the importer is listed. The importer or consignee is not necessarily the end-user of the product.

NOTE: This list includes all principal importers except individuals.

<u>Name</u>	<u>Address</u>	<u>Name</u>	<u>Address</u>
Caloritech Division CASAH Heating System Inc.	Orillia, Ont.	Miramichi Pulp & Paper Inc.	Newcastle, N.B.
Camco Inc.	Hamilton, Ont.	Nissho Iwai America Corp.	Portland, OR, USA*
Canada Colors & Chemicals Ltd.	Don Mills, Ont.	Ralston Purina Canada Inc.	Woodstock, Ont.
Chemroy Canada Inc.	Mississauga, Ont.	Stelpro Ltd.	Scarborough, Ont.
Chromalox Components	Guelph, Ont.	Sterling Drug Ltd.	Aurora, Ont.
Chromalox Inc.	Rexdale, Ont.	Teledyne Still-Man Canada Ltd.	Scarborough, Ont.
Commander Electrical Equipment Inc.	Scarborough, Ont.	Temro Automotive Div. Budd Canada Inc.	Winnipeg, Man.
Daco Laboratories Ltd.	Stratford, Ont.	The New Brunswick Electric Power Commission	Fredericton, N.B.
Didier Corporation Réfractaire	Dorval, Qué.	The Pigment & Chemical Co. Ltd.	Côte-Saint-Luc, Qué.
Don J. Pestell Ltd.	New Hamburg, Ont.	Westcan Electrical Manufacturing Inc.	Brantford, Ont.
Frontier Refractories Inc.	Grimsby, Ont.	Whittaker Clark & Daniels Inc.	South Plainfield, N.J., USA*
Harcros Chemicals Canada Inc.	St-Léonard, Qué.		
Interprovincial Cooperatives	Saskatoon, Sask.		
L.V. Lomas Ltd.	Brampton, Ont.		

* Non-resident importer

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

(H.S. 2519.90.10)

VIII. FOREIGN EXPORTERS TO CANADA - 1990

Major exporters to Canada of magnesium oxide not less than 94% pure are listed by major country of origin in descending order of dollar value. These exporters accounted for 94 per cent of the total value of Canadian imports during 1990.

<u>Country of Origin</u>	<u>Name of Foreign Exporter</u>	<u>Value of Exports</u> <u>to Canada</u>
		<u>1990</u> (\$000)
United States	Harbison Walker Corp.	20 762 *
	Georgia Pacific Corp.	
	Martin Marietta Corp.	
	National Refractories and Minerals	4 427 *
	Muscle Shoals Minerals Co.	
	Insul-Term Co.	
	Tateho America Inc.	954 *
	North American Refractories Co.	
	Morton Thiokol Inc.	
Japan	Nisshio Iwai	
People's Republic of China	F.S. Alloys Mineral	2 232 *
	Premier Services Corp	
United Kingdom	Steetley Magnesium Products	
TOTAL		28 375

* Aggregated to preserve confidentiality of Canadian importers.

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

(H.S. 2519.90.10)

IX. CANADIAN SUPPLIERS

The following lists are taken from two sources: a) the Business Opportunities Sourcing System (BOSS), a computerized data bank established by the Federal Department of Industry, Science and Technology Canada; and, b) the Canadian Trade Index, published by the Canadian Manufacturers' Association (CMA). These lists may not include all suppliers of the products in question, as companies must themselves register in BOSS or the Canadian Trade Index. In both cases, information on Canadian products supplied is as given by the companies.

BOSS

Companies are arranged in alphabetical order.

Magnesia, not elsewhere specified

<u>Name</u>	<u>Address</u>
*Hutchinson Fertilizer Ltd.	Cochrane, Alta.

* Company engaged in export trade

Any enquiries and/or comments regarding the BOSS list should be directed to:

Business Opportunities Sourcing System
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel.: (613) 954-5031
Telex: 053-4123
Fax.: (613) 954-189

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

(H.S. 2519.90.10)

IX. CANADIAN SUPPLIERS (Cont'd)

CANADIAN TRADE INDEX

Companies are arranged in alphabetical order.

Magnesite, dead-burned

<u>Name</u>	<u>Address</u>
*Canadian Refractories Dresser Canada Inc. Premier Refractories Canada Ltd.	Montréal, Qué. Welland, Ont.

Magnesium Oxide

<u>Name</u>	<u>Address</u>
*Baymag	Calgary, Alta.

* Company engaged in export trade

Any enquiries and/or comments regarding the Canadian Trade Index list should be directed to:

The Canadian Manufacturers' Association
One Yonge Street
Toronto, Ontario
M5E 1J9
Tel.: (416) 363-7261
Telex: 065-24693
Fax.: (416) 363-3779

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

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X. CANADIAN AND FOREIGN TARIFFS

Magnesium oxide not less than 94% pure included in this report are dutiable under the following Canadian tariff item:

<u>Tariff Item</u>	<u>Description of Goods</u>	<u>Tariff Treatment</u>		
		<u>Most Favoured Nation Tariff</u>	<u>General Preferential Tariff</u>	<u>United States Tariff</u>
2519.90.10	Magnesium Oxide not less than 94% pure	Free	Free	Free

Magnesium oxide included in this report are dutiable under the following U.S. tariff items:

<u>Tariff Item</u>	<u>Description of Goods</u>	<u>Rates of Duty</u>		
		<u>General</u>	<u>Special</u>	<u>2</u>
2519.90.10	Fused magnesia and dead-burned (sintered) magnesia	0.4¢/kg	Free	1.7¢/kg
2519.90.20	Caustic calcined magnesite	\$2.07/T	Free	\$20.70/T

Enquiries concerning tariffs should be directed to the nearest Revenue Canada Customs and Excise office as listed on page two of this report.

FOREIGN COUNTRIES

Enquiries concerning tariffs and other government trade regulations in foreign countries should be directed to External Affairs as listed on page two of this report.

MAGNESIUM OXIDE NOT LESS THAN 94% PURE

(H.S. 2519.90.10)

XI. UNITED STATES' IMPORTS

The United States Department of Commerce reports U.S. imports as follows:

CANADA'S SHARE OF U.S. IMPORTS

FUSED AND DEAD-BURNED MAGNESIA (H.S. 2519.90.10.00)

Country of Origin ⁽¹⁾	1989				1990			
	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)	Quantity (000 kg)	Value (\$000)	Import Market Share (% based on value)	Average Unit Price (\$/kg)
Mexico	25 050	9 275	20	0.37	24 954	11 240	29	0.45
People's Republic of China	61 382	5 819	13	0.09	67,905	8 637	22	0.13
Greece	45 346	9 236	20	0.20	28 342	4 830	12	0.17
Israel	614	248	*	0.40	7 592	3 337	9	0.44
Ireland	19 606	5 290	12	0.27	7 892	3 191	8	0.40
Japan	11 384	3 499	8	0.31	6 616	2 903	7	0.44
Canada	9 746	5 426	12	0.56	3 743	2 481	6	0.66
United Kingdom	15 484	3 679	8	0.24	3 233	1 193	3	0.37
Netherlands	3 186	1 251	3	0.39	2 110	809	2	0.38
Federal Republic of Germany	1	7	*	7.00	151	151	*	1.00
Other	17 045	1 926	4	0.11	122	34	*	0.28
TOTAL	208 844	45 655	100	0.22	152 560	38 805	100	0.25

⁽¹⁾ Countries in descending order of value by 1990

* Less than one per cent.

MAGNESIUM OXIDE NOT LESS THAN 94% PURE
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XI. UNITED STATES' IMPORTS (Cont'd)

CAUSTIC CALCINED MAGNESITE (H.S. 2519.90.20.00)

Country of Origin ⁽¹⁾	1989		1990	
	<u>Value</u> (\$000)	<u>Import Market Share</u> (% based on value)	<u>Value</u> (\$000)	<u>Import Market Share</u> (% based on value)
Canada	13 021	81	11 828	72
People's Republic of China	957	6	1 806	11
Greece	934	6	1 665	10
Turkey	632	4	388	2
Mexico	493	3	385	2
Spain	-	-	315	2
Japan	-	-	119	*
Netherlands	9	*	17	*
United Kingdom	-	-	5	*
Other	125	*	-	-
TOTAL	16 172	100	16 528	100

(1) Countries in descending order of value by 1990

* Less than one per cent.

FOR MORE INFORMATION PLEASE CONTACT:

Market Intelligence Division
Services to Business Branch
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-4970
Fax.: (613) 954-5463

OR Metals and Minerals Processing Directorate
Materials Branch
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-3122
Fax.: (613) 954-1894

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