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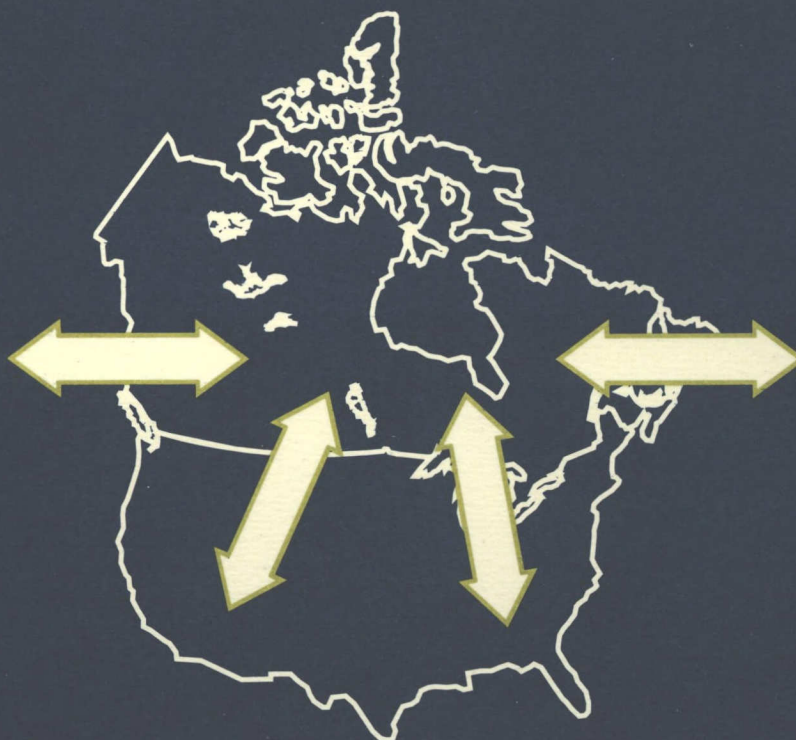
Industrie, Sciences et
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MARKET INTELLIGENCE

SODIUM SULPHITE

Pub. No.: 93164-IP

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Prepared by:
Robert Game
Market Intelligence and Technology Opportunities Service
Strategic Information Branch
Industry Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-4970
Fax.: (613) 954-2340

REFERENCE SOURCES

Industry Canada
Statistics Canada, Tel.: (613) 951-9647
Revenue Canada, Tel.: (613) 954-6919
U.S. Department of Commerce,
Bureau of the Census,
Tel.: (301) 763-7754

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

For Customs purposes, imports are recorded at values established according to the provisions of the Customs Act, which, since January 1, 1985, reflects valuation methods based on the General Agreement on Tariffs and Trade (GATT) Valuation Code System. It generally requires the value for duty of imported goods be equivalent to the transaction value or the price actually paid or payable provided that a number of conditions are met. One of the important conditions is that the buyer and seller must be independent of each other. If the conditions are not met, practical rules are used to determine the Customs value. Therefore, Canadian imports are valued Free on Board (F.O.B.), place of direct shipment to Canada. The Customs value excludes freight and insurance costs in bringing the goods to Canada from the point of direct shipment. Canadian exports to the U.S. are valued F.O.B. point of exit from Canada. Prior to 1990, they were valued F.O.B. place of lading net of freight charges, discounts and allowances.

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.

Canada - U.S. Reconciliation

For statistical purposes, Canada and the United States have been exchanging import data as of January 1990. Any discrepancy between what Canada reports as exports to the United States and what the United States reports as imports from Canada is due to variations in exchange rates used to convert U.S. import data from U.S. dollars to Canadian dollars for purposes of this publication.

Abbreviations

N/A - Not Applicable
KGM - Kilogram
KG - Kilogram

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SODIUM SULPHITE

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.

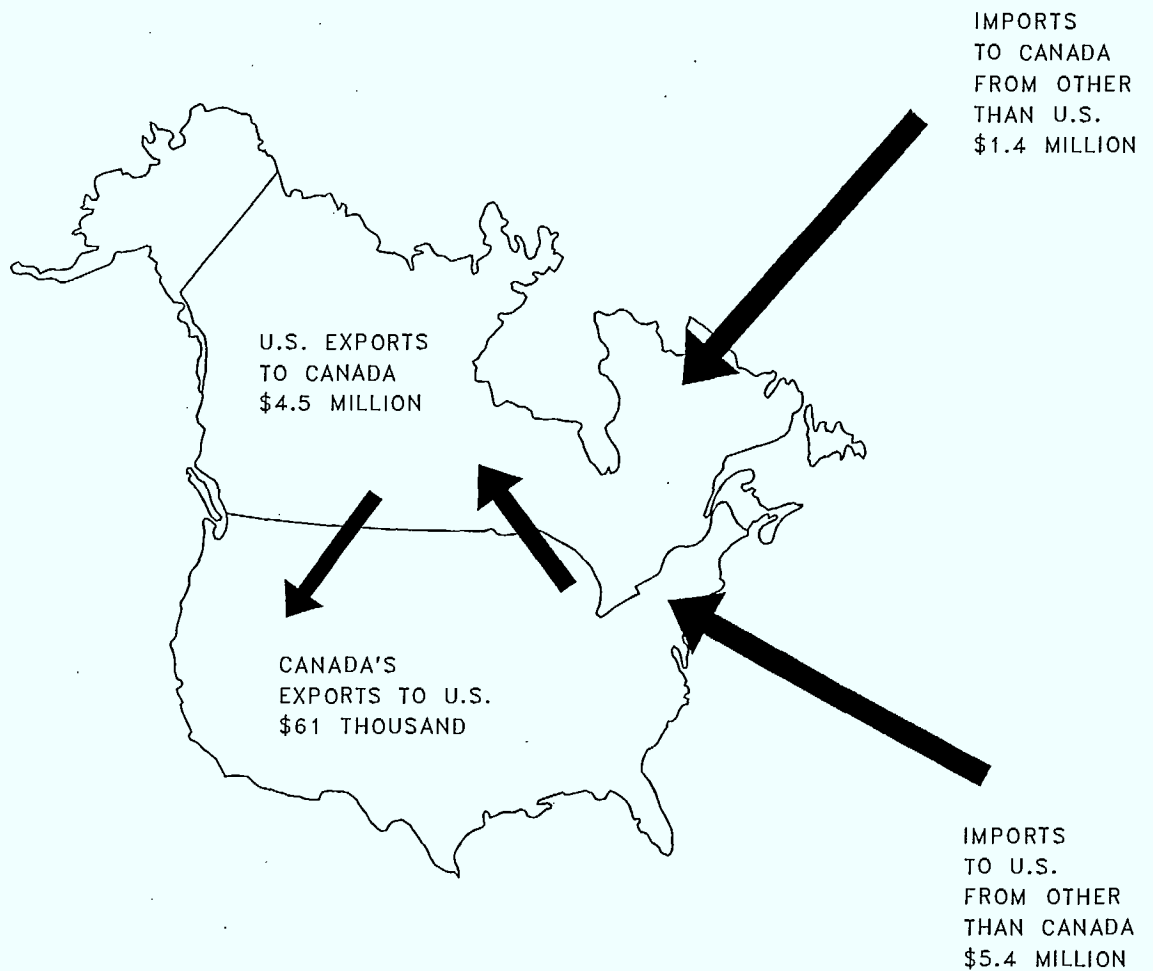
This report is based on data from several sources for the following Harmonized System (H.S.) commodity codes:

<u>Description</u>	<u>H.S. Commodity Codes Analyzed</u>
Sulphites; thiosulphates (28.32)	
-Sodium sulphites (2832.10) ⁽¹⁾	
-Sodium sulphite	2832.10.00.30

NOTES : (1) Includes sodium hydrogen sulphite and disodium disulphite (sodium metabisulphite) and sodium sulphite.

The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite, as contained in this report.

SODIUM SULPHITE
NORTH AMERICAN IMPORTS - 1992
(H.S. 2832.10)



North American Imports - \$6.8 Million*

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

SODIUM SULPHITE

CANADIAN IMPORT TRENDS (Cont'd)

BY MAJOR COUNTRY OF ORIGIN

SODIUM SULPHITE
(H.S. 2832.10.00.30)

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>	<u>Average Annual Growth Rate 1990-92 (%)</u>
United States					
Quantity (000 KGM)	17 218	12 151	8 335	5 245	-30.4
Value (\$000)	5 814	3 668	2 345	2 051	-36.5
Fed. Rep. of Germany					
Quantity (000 KGM)	704	490	574	473	-9.7
Value (\$000)	256	174	230	207	-5.1
Japan					
Quantity (000 KGM)	1 260	782	741	280	-23.3
Value (\$000)	382	236	219	84	-24.4
Other					
Quantity (000 KGM)	139	40	-	35	N/A
Value (\$000)	58	16	-	16	N/A
TOTAL					
Quantity (000 KGM)	19 321	13 462	9 651	6 033	-29.3
Value (\$000)	6 510	4 094	2 794	2 358	-34.5

MARKET SHARES BY MAJOR COUNTRY OF ORIGIN

SODIUM SULPHITE
(H.S. 2832.10.00.30)

<u>Country of Origin</u>	<u>1990</u> %	<u>1991</u> %	<u>1992</u> %	<u>1993*</u> %
United States				
Quantity	89.1	90.3	86.4	86.9
Value	89.3	89.6	83.9	87.0
Fed. Rep. of Germany				
Quantity	3.6	3.6	6.0	7.8
Value	3.9	4.3	8.2	8.8
Japan				
Quantity	6.5	5.8	7.7	4.6
Value	5.9	5.8	7.8	3.6
Other				
Quantity	0.7	0.3	**	0.6
Value	0.9	0.4	**	0.7
TOTAL				
Quantity	100.0	100.0	100.0	100.0
Value	100.0	100.0	100.0	100.0

NOTES : Ranked in descending order by 1992 value.

* The latest year is cumulative to the third quarter.

** Less than 0.5 per cent.

SODIUM SULPHITE

CANADIAN IMPORT TRENDS (Cont'd)

AVERAGE UNIT PRICES BY MAJOR COUNTRY OF ORIGIN (\$ Per KGM)

SODIUM SULPHITE
(H.S. 2832.10.00.30)

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>
United States	0.34	0.30	0.28	0.39
Fed. Rep. of Germany	0.36	0.36	0.40	0.44
Japan	0.30	0.30	0.29	0.30
Other	<u>0.42</u>	<u>0.39</u>	—	<u>0.45</u>
All Countries	0.34	0.30	0.29	0.39

NOTES : Ranked in descending order by 1992 value.

* The latest year is cumulative to the third quarter.

SODIUM SULPHITE
CANADIAN IMPORT TRENDS (Cont'd)
BY PROVINCE OF CLEARANCE

SODIUM SULPHITE
(H.S. 2832.10.00.30)

<u>Province of Clearance</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>	<u>Average Annual Growth Rate 1990-92 (%)</u>
Ontario					
Quantity (000 KGM)	7 970	7 584	7 617	5 059	-2.2
Value (\$000)	1 690	1 654	1 893	1 889	5.8
Québec					
Quantity (000 KGM)	8 659	3 312	1 504	708	-58.3
Value (\$000)	3 134	1 311	574	293	-57.2
Alberta					
Quantity (000 KGM)	380	227	234	125	-21.5
Value (\$000)	207	114	139	89	-18.1
British Columbia					
Quantity (000 KGM)	86	91	135	41	25.6
Value (\$000)	37	38	79	20	46.2
Saskatchewan					
Quantity (000 KGM)	-	52	69	78	N/A
Value (\$000)	-	35	50	53	N/A
New Brunswick					
Quantity (000 KGM)	2 016	2 091	40	-	-85.9
Value (\$000)	1 369	889	32	-	-84.7
Manitoba					
Quantity (000 KGM)	210	105	50	20	-51.1
Value (\$000)	73	54	27	13	-39.0
Nova Scotia					
Quantity (000 KGM)	-	-	-	**	-
Value (\$000)	-	-	-	**	-
TOTAL					
Quantity (000 KGM)	19 321	13 462	9 651	6 033	-29.3
Value (\$000)	6 510	4 094	2 794	2 358	-34.5

NOTES : Ranked in descending order by 1992 value.

* The latest year is cumulative to the third quarter.

** Less than \$500 or 500 KGM.

SODIUM SULPHITE

CANADIAN IMPORT TRENDS (Cont'd)

MARKET SHARES BY PROVINCE OF CLEARANCE

SODIUM SULPHITE (H.S. 2832.10.00.30)

<u>Province of Clearance</u>	<u>1990</u> %	<u>1991</u> %	<u>1992</u> %	<u>1993*</u> %
Ontario				
Quantity	41.3	56.3	78.9	83.9
Value	26.0	40.4	67.7	80.1
Québec				
Quantity	44.8	24.6	15.6	11.7
Value	48.1	32.0	20.5	12.4
Alberta				
Quantity	2.0	1.7	2.4	2.1
Value	3.2	2.8	5.0	3.8
British Columbia				
Quantity	0.4	0.7	1.4	0.7
Value	0.6	0.9	2.8	0.9
Saskatchewan				
Quantity	-	0.4	0.7	N/A
Value	-	0.9	1.8	N/A
New Brunswick				
Quantity	10.4	15.5	0.4	-
Value	21.0	21.7	1.2	-
Manitoba				
Quantity	1.1	0.8	0.5	0.3
Value	1.1	1.3	1.0	0.5
Nova Scotia				
Quantity	-	-	-	**
Value	-	-	-	**
TOTAL				
Quantity	100.0	100.0	100.0	100.0
Value	100.0	100.0	100.0	100.0

NOTES : Ranked in descending order by 1992 value.

* The latest year is cumulative to the third quarter.

** Less than 0.5 per cent.

SODIUM SULPHITE

CANADIAN IMPORT TRENDS (Cont'd)

AVERAGE UNIT PRICES BY PROVINCE OF CLEARANCE (\$ Per KGM)

SODIUM SULPHITE (H.S. 2832.10.00.30)

<u>Province of Clearance</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>
Ontario	0.21	0.22	0.25	0.37
Québec	0.36	0.40	0.38	0.41
Alberta	0.54	0.50	0.59	0.71
British Columbia	0.43	0.42	0.58	0.49
Saskatchewan	-	0.68	0.73	0.67
New Brunswick	0.68	0.43	0.80	-
Manitoba	0.35	0.51	0.54	0.64
Nova Scotia	—	—	—	<u>0.80</u>
All Provinces	0.34	0.30	0.29	0.39

NOTES : Ranked in descending order by 1992 value.

* The latest year is cumulative to the third quarter.

SODIUM SULPHITE
CANADIAN IMPORTERS

SODIUM SULPHITE
(H.S. 2832.10.00.30)

There were 24 known importers in 1992. The principal 6 importers accounted for 92 per cent of the total import value.

<u>Principal Importers</u> (No.)	<u>Cumulative Quantity</u> (000 KGM)	<u>Cumulative Value</u> (\$000)	<u>Cumulative % of Total Quantity</u>	<u>% of Total Value</u>
3	7 946	1 928	82	69
6	9 330	2 566	97	92
10	9 574	2 740	99	98
All Importers (24)	9 651	2 794	100	100

NOTE : Ranked by value.

The principal importers during 1992 are listed below in alphabetical order. This list does not include individuals. The importer is not necessarily the end-user of the product.

<u>Name</u>	<u>Location</u>
A & K Petro Chem Industries Ltd.	Weston, Ont.
Basf Canada Inc.	Etobicoke, Ont.
Betz Inc.	Kanata, Ont.
Dabarco Holdings Limited	Don Mills, Ont.
Fisher Scientific Ltd.	Ottawa, Ont.
General Chemical Canada Ltd.	Mississauga, Ont.
Klenzoid Company Ltd.	Pointe-Claire-Dorval, Qué.
Mackenzie & Feimann Ltd.	North Vancouver, B.C.
Macmillan Bloedel Ltd	Vancouver, B.C.
Nalco Canada Inc.	Burlington, Ont.
Prairiechem Inc.	Saskatoon, Sask.
Quadra Chemicals Ltd.	Dorion-Vaudreuil, Qué.
Stanchem Inc.	Etobicoke, Ont.
Sterling Pulp Chemicals Ltd.	Thunder Bay, Ont.
Van Waters & Rogers Ltd.	Richmond, B.C.
Watergroup Companies Inc.	Regina, Sask.

SODIUM SULPHITE

FOREIGN EXPORTERS TO CANADA

SODIUM SULPHITE
(H.S. 2832.10.00.30)

Major exporters to Canada are listed in descending order of dollar value. These exporters accounted for 99 per cent of the total value of Canadian imports during 1992.

<u>Country of Origin</u>	<u>Name of Foreign Exporter</u>	<u>1992 Value of Exports to Canada (\$000)</u>
United States	Indspec Chemical Co.) General Chemical Corporation)	1 677*
	Solvay Minerals Inc.	401
Fed. Rep. of Germany	Basf Aktiengesellschaft)	
Japan	Mitsuya Boeki Ltd.)	520*
United States	Tenneco Minerals Co.)	
	Rhone Poulenc Basic Chemical) Iron Out Inc.)	107*
	Sotech)	
	Van Waters & Rogers Inc.)	60*
	Texacos Minerals Co.)	
	Basf Corp.)	
TOTAL		2 765

* Aggregated to preserve confidentiality of Canadian importers.

SODIUM SULPHITE

CANADIAN SHIPMENTS

According to Statistics Canada, sodium sulphite is made in Canada. However, for reasons of confidentiality, separate data on shipments by Canadian establishments are not available.

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

Statistics Canada
Industry Division
Survey of Manufactures Section
Ottawa, Ontario
K1A 0T6
Tel.: (613) 951-9836

Source: Catalogue #46-250, annual, "Chemical and Chemical Products Industries".

CANADIAN SUPPLIERS

The following list is taken from the Business Opportunities Sourcing System (BOSS), a computerized data bank established by Industry Canada. This list may not include all suppliers of the products in question, as companies must themselves register in BOSS. Information on Canadian products supplied is as given by the companies.

BOSS

Sodium Sulphite

<u>Name</u>	<u>Location</u>
BDH Inc.	Toronto, Ont.

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

Business Opportunities Sourcing System
Industry Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel.: (613) 954-5031
Telex: 053-4123
Fax.: (613) 954-1894

SODIUM SULPHITE
UNITED STATES IMPORTS
BY MAJOR COUNTRY OF ORIGIN

SODIUM SULFITES⁽¹⁾
(H.S. 2832.10.00.00)

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>	<u>Average Annual Growth Rate 1990-92 (%)</u>
Fed. Rep. of Germany					
Quantity (000 KG)	8 449	7 938	5 977	4 395	-15.9
Value (\$000)	3 092	2 998	2 468	1 811	-10.7
United Kingdom					
Quantity (000 KG)	3 018	2 772	3 135	2 207	1.9
Value (\$000)	1 315	1 172	1 296	969	-0.7
Italy					
Quantity (000 KG)	1 620	1 817	1 044	1 063	-19.7
Value (\$000)	786	847	512	421	-19.3
Mexico					
Quantity (000 KG)	1 549	1 790	594	-	-38.1
Value (\$000)	950	1 052	371	-	-37.5
China					
Quantity (000 KG)	879	422	628	1 098	-15.4
Value (\$000)	304	151	265	338	-6.6
Chile					
Quantity (000 KG)	13	13	34	34	64.5
Value (\$000)	61	59	197	160	79.2
Japan					
Quantity (000 KG)	82	74	23	10	-47.5
Value (\$000)	136	209	179	90	14.7
Turkey					
Quantity (000 KG)	962	460	140	-	-61.9
Value (\$000)	382	192	67	-	-58.2
Canada					
Quantity (000 KG)	130	8	81	104	-21.0
Value (\$000)	107	10	61	83	-24.6
Denmark					
Quantity (000 KG)	18	38	56	40	77.0
Value (\$000)	10	19	32	20	76.2
Other					
Quantity (000 KG)	730	638	71	161	-68.7
Value (\$000)	288	265	31	116	-67.2
TOTAL					
Quantity (000 KG)	17 450	15 970	11 784	9 114	-17.8
Value (\$000)	7 432	6 974	5 479	4 009	-14.1

NOTES : Ranked in descending order by 1992 value.

Canada ranked 9th overall.

Source: U.S. Department of Commerce.

* The latest year is cumulative to the third quarter.

(1) The Canadian H.S. for sodium sulphite is 2832.10.00.30. The United States H.S. 2832.10.00.00 includes sodium hydrogen sulphite, disodium disulphite (sodium metabisulphite) and sodium sulphite. The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite as contained in this report.

SODIUM SULPHITE

UNITED STATES IMPORTS (Cont'd)

MARKET SHARES BY MAJOR COUNTRY OF ORIGIN

SODIUM SULFITES⁽¹⁾
(H.S. 2832.10.00.00)

<u>Country of Origin</u>	<u>1990</u> %	<u>1991</u> %	<u>1992</u> %	<u>1993*</u> %
Fed. Rep. of Germany				
Quantity	48.4	49.7	50.7	48.2
Value	41.6	43.0	45.0	45.2
United Kingdom				
Quantity	17.3	17.4	26.6	24.2
Value	17.7	16.8	23.7	24.2
Italy				
Quantity	9.3	11.4	8.9	11.7
Value	10.6	12.1	9.3	10.5
Mexico				
Quantity	8.9	11.2	5.0	-
Value	12.8	15.1	6.8	-
China				
Quantity	5.0	2.6	5.3	12.0
Value	4.1	2.2	4.8	8.4
Chile				
Quantity	0.1	0.1	0.3	0.4
Value	0.8	0.8	3.6	4.0
Japan				
Quantity	0.5	0.5	0.2	0.1
Value	1.8	3.0	3.3	2.3
Turkey				
Quantity	5.5	2.9	1.2	-
Value	5.1	2.8	1.2	-
Canada				
Quantity	0.7	0.1	0.7	1.1
Value	1.4	0.1	1.1	2.1
Denmark				
Quantity	0.1	0.2	0.5	0.4
Value	0.1	0.3	0.6	0.5
Other				
Quantity	4.2	4.0	0.6	1.8
Value	3.9	3.8	0.6	2.9
TOTAL				
Quantity	100.0	100.0	100.0	100.0
Value	100.0	100.0	100.0	100.0

NOTES : Ranked in descending order by 1992 value.

Canada ranked 9th overall.

Source: U.S. Department of Commerce.

* The latest year is cumulative to the third quarter.

(1) The Canadian H.S. for sodium sulphite is 2832.10.00.30. The United States H.S. 2832.10.00.00 includes sodium hydrogen sulphite, disodium disulphite (sodium metabisulphite) and sodium sulphite. The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite as contained in this report.

SODIUM SULPHITE

UNITED STATES IMPORTS (Cont'd)

AVERAGE UNIT PRICES BY MAJOR COUNTRY OF ORIGIN (\$ per KG)

SODIUM SULFITES⁽¹⁾
(H.S. 2832.10.00.00)

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>
Fed. Rep. of Germany	0.37	0.38	0.41	0.41
United Kingdom	0.44	0.42	0.41	0.44
Italy	0.48	0.47	0.49	0.40
Mexico	0.61	0.59	0.62	-
China	0.35	0.36	0.42	0.31
Chile	4.83	4.42	5.73	4.68
Japan	1.65	2.84	7.90	8.81
Turkey	0.40	0.42	0.48	-
Canada	0.82	1.23	0.75	0.79
Denmark	0.57	0.51	0.57	0.51
Other	<u>0.39</u>	<u>0.42</u>	<u>0.44</u>	<u>0.72</u>
All Countries	0.43	0.44	0.46	0.44

NOTES : Ranked in descending order by 1992 value.

Canada ranked 9th overall.

Source: U.S. Department of Commerce.

* The latest year is cumulative to the third quarter.

(1) The Canadian H.S. for sodium sulphite is 2832.10.00.30. The United States H.S. 2832.10.00.00 includes sodium hydrogen sulphite, disodium disulphite (sodium metabisulphite) and sodium sulphite. The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite as contained in this report.

SODIUM SULPHITE
UNITED STATES IMPORTS (Cont'd)
BY CUSTOMS DISTRICT OF ENTRY

SODIUM SULFITES⁽¹⁾
(H.S. 2832.10.00.00)

Imports into the United States for sodium sulfites are as follows:

<u>Customs District of Entry</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>	<u>Average Annual Growth Rate 1990-92 (%)</u>
Chicago, Illinois					
Quantity (000 KG)	3 496	3 106	2 389	1 694	-17.3
Value (\$000)	1 143	1 198	983	635	-7.3
Los Angeles, California					
Quantity (000 KG)	3 659	3 519	1 926	1 005	-27.5
Value (\$000)	1 561	1 519	866	401	-25.5
Philadelphia, Pennsylvania					
Quantity (000 KG)	-	1 091	2 058	1 801	N/A
Value (\$000)	-	423	829	750	N/A
New York City, New York					
Quantity (000 KG)	2 774	2 384	1 318	444	-31.1
Value (\$000)	1 095	913	617	245	-24.9
Charleston, South Carolina					
Quantity (000 KG)	1 087	1 040	888	674	-9.6
Value (\$000)	459	443	388	313	-8.1
Laredo, Texas					
Quantity (000 KG)	1 549	1 790	594	65	-38.1
Value (\$000)	950	1 052	371	36	-37.5
Seattle, Washington					
Quantity (000 KG)	124	149	396	867	79.0
Value (\$000)	124	173	277	264	49.4
Houston-Galveston, Texas					
Quantity (000 KG)	1 155	357	561	955	-30.3
Value (\$000)	492	154	257	438	-27.8
Columbia-Snake					
Quantity (000 KG)	346	613	405	500	8.1
Value (\$000)	140	262	163	204	7.7
San Francisco, California					
Quantity (000 KG)	32	67	82	109	60.3
Value (\$000)	75	81	150	199	41.3
Other					
Quantity (000 KG)	3 228	1 853	1 168	1 000	-39.9
Value (\$000)	<u>1 392</u>	<u>758</u>	<u>578</u>	<u>526</u>	<u>-35.6</u>
TOTAL					
Quantity (000 KG)	17 450	15 970	11 784	9 114	-17.8
Value (\$000)	7 432	6 974	5 479	4 009	-14.1

NOTES : Ranked in descending order by 1992 value.

Source: U.S. Department of Commerce.

* The latest year is cumulative to the third quarter.

(1) The Canadian H.S. for sodium sulphite is 2832.10.00.30. The United States H.S. 2832.10.00.00 includes sodium hydrogen sulphite, disodium disulphite (sodium metabisulphite) and sodium sulphite. The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite as contained in this report.

SODIUM SULPHITE

UNITED STATES IMPORTS (Cont'd)

MARKET SHARES BY CUSTOMS DISTRICT OF ENTRY

SODIUM SULFITES⁽¹⁾
(H.S. 2832.10.00.00)

Customs District of Entry	1990 %	1991 %	1992 %	1993* %
Chicago, Illinois				
Quantity	20.0	19.4	20.3	18.6
Value	15.4	17.2	17.9	15.8
Los Angeles, California				
Quantity	21.0	22.0	16.3	11.0
Value	21.0	21.8	15.8	10.0
Philadelphia, Pennsylvania				
Quantity	-	6.8	17.5	19.8
Value	-	6.1	15.1	18.7
New York City, New York				
Quantity	15.9	14.9	11.2	4.9
Value	14.7	13.1	11.3	6.1
Charleston, South Carolina				
Quantity	6.2	6.5	7.5	7.4
Value	6.2	6.3	7.1	7.8
Laredo, Texas				
Quantity	8.9	11.2	5.0	0.7
Value	12.8	15.1	6.8	0.9
Seattle, Washington				
Quantity	0.7	0.9	3.4	9.5
Value	1.7	2.5	5.1	6.6
Houston-Galveston, Texas				
Quantity	6.6	2.2	4.8	10.5
Value	6.6	2.2	4.7	10.9
Columbia-Snake				
Quantity	2.0	3.8	3.4	5.5
Value	1.9	3.8	3.0	5.1
San Francisco, California				
Quantity	0.2	0.4	0.7	1.2
Value	1.0	1.2	2.7	5.0
Other				
Quantity	18.5	11.6	9.9	11.0
Value	18.7	10.9	10.5	13.1
TOTAL				
Quantity	100.0	100.0	100.0	100.0
Value	100.0	100.0	100.0	100.0

NOTES : Ranked in descending order by 1992 value.

Source: U.S. Department of Commerce.

* The latest year is cumulative to the third quarter.

(1) The Canadian H.S. for sodium sulphite is 2832.10.00.30. The United States H.S. 2832.10.00.00 includes sodium hydrogen sulphite, disodium disulphite (sodium metabisulphite) and sodium sulphite. The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite as contained in this report.

SODIUM SULPHITE

UNITED STATES IMPORTS (Cont'd)

AVERAGE UNIT PRICES BY CUSTOMS DISTRICT OF ENTRY (\$ per KG)

SODIUM SULFITES⁽¹⁾
(H.S. 2832.10.00.00)

<u>Customs District of Entry</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993*</u>
Chicago, Illinois	0.33	0.39	0.41	0.37
Los Angeles, California	0.43	0.43	0.45	0.40
Philadelphia, Pennsylvania	-	0.39	0.40	0.42
New York City, New York	0.39	0.38	0.47	0.55
Charleston, South Carolina	0.42	0.43	0.44	0.46
Laredo, Texas	0.61	0.59	0.62	0.55
Seattle, Washington	1.01	1.16	0.70	0.30
Houston-Galveston, Texas	0.43	0.43	0.46	0.46
Columbia-Snake	0.41	0.43	0.40	0.41
San Francisco, California	2.35	1.20	1.83	1.82
Other	<u>0.43</u>	<u>0.41</u>	<u>0.49</u>	<u>0.53</u>
TOTAL	0.43	0.44	0.46	0.44

NOTES : Ranked in descending order by 1992 value.

Source: U.S. Department of Commerce.

* The latest year is cumulative to the third quarter.

(1) The Canadian H.S. for sodium sulphite is 2832.10.00.30. The United States H.S. 2832.10.00.00 includes sodium hydrogen sulphite, disodium disulphite (sodium metabisulphite) and sodium sulphite. The Canadian and United States coding systems are not comparable beyond the H.S. 6 level for sodium sulphite as contained in this report.

SODIUM SULPHITE

TARIFFS

CANADIAN

Canadian imports included in this report are dutiable under the following Canadian tariff item:

<u>Tariff Item</u>	<u>Description of Goods</u>	<u>Tariff Treatment - 1993</u>		
		<u>Most Favoured Nation Tariff</u>	<u>General Preferential Tariff</u>	<u>United States Tariff</u>
2832.10.00	Sodium sulphites	Free	Free	Free

TARIFF ARRANGEMENTS AND FOREIGN COUNTRIES OF EXPORT

All exporting countries shown in this report (except the United States) qualify for the Most Favoured Nation tariff treatment.

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) 954-6919
Fax.: (613) 954-9646

SODIUM SULPHITE

TARIFFS (Cont'd)

UNITED STATES

United States imports included in this report are dutiable under the following U.S. tariff item:

Tariff Item	Description of Goods	Rates of Duty - 1993		
		General	1	2
2832.10.00	Sulfites; thiosulfates: Sodium sulfites	1.5%	Free (A*,CA, E,IL,J)	4.5%

- | | | |
|---|---|----|
| 1 | Generalized System of Preferences | A* |
| | United States-Canada Free-Trade Agreement | CA |
| | Caribbean Basin Economic Recovery Act | E |
| | United States-Israel Free Trade Area | IL |
| | Andean Trade Preference Act | J |

- 2 Notwithstanding any other provisions, the rates of duty shall apply to products, whether imported directly or indirectly, of the following countries and areas pursuant to section 401 of the Tariff Classification Act of 1962, to section 231 or 257(e)(2) of the Trade Expansion Act of 1962, to section 404(a) of the Trade Act of 1974 or to any other applicable section of law, or to action taken by the President thereunder:

Afghanistan	German Democratic	Mongolia
Albania	Republic (former)	North Korea
Bulgaria	Kampuchea	Romania
Cuba	Laos	Union of Soviet Socialist
Czechoslovakia	Latvia	Republics (former)
Estonia	Lithuania	Vietnam

FOREIGN COUNTRIES

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

Info-Ex
Department of Foreign Affairs and International Trade
Ottawa, Ontario K1A 0G2
Tel.: (613) 944-4000 or 1-800-267-8376
Fax.: (613) 996-9709

SODIUM SULPHITE

dISTCcovery - TECHNOLOGY LICENSING OPPORTUNITIES

dISTCcovery is an Industry Canada service designed to create industry awareness of the world-wide supply of transferable technology available through licensing and joint ventures.

dISTCcovery provides access to international data bases containing thousands of licensing offers for new products, processes and technologies originating from around the world.

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The following is a list of licensing opportunities identified from **dISTCcovery** using the keywords "sodium" and "sulfite".

- 1- Adhesives for Wood from Lignin in Kraft Black Liquor
- 2- Process for Removing Nitrogen Oxides from Gaseous Mixtures
- 3- Method for the Disposal of Waste Water Containing Iron-Cyanide Complexes (Kyukoshi/20)
- 4- Process for Purifying TNT

For more information on these and other opportunities, contact the nearest Industry Canada Regional Office listed at the end of this publication or the Market Intelligence and Technology Opportunities Service at (613) 954-4040.



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FOR MORE INFORMATION PLEASE CONTACT:

Market Intelligence and Technology
Opportunities Service
Strategic Information Branch
Industry Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-4970
Fax.: (613) 954-2340

OR Chemicals Directorate
Chemicals and Bio-Industries Branch
Industry Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-3073
Fax.: (613) 952-4209

REGIONAL OFFICES:

NEWFOUNDLAND

Industry Canada
Suite 504
Atlantic Place
215 Water Street
P.O. Box 8950
ST. JOHN'S, Newfoundland
A1B 3R9
Tel.: (709) 772-4782
Fax: (709) 772-5093

NEW BRUNSWICK

Industry Canada
12th Floor
Assumption Place
770 Main Street
P.O. Box 1210
MONCTON, New Brunswick
E1C 8P9
Tel.: (506) 857-4782
Fax: (506) 851-2394

MANITOBA

Industry Canada
8th Floor
330 Portage Avenue
P.O. Box 981
WINNIPEG, Manitoba
R3C 2V2
Tel.: (204) 983-4782
Fax: (204) 983-2187

BRITISH COLUMBIA

Industry Canada
Suite 900
Scotia Tower
650 West Georgia Street
P.O. Box 11610
VANCOUVER, British Columbia
V6B 5H8
Tel.: (604) 666-0266
Fax: (604) 666-0277

PRINCE EDWARD ISLAND

Industry Canada
Suite 400
National Bank Tower
Confederation Court Mall
134 Kent Street
P.O. Box 1115
CHARLOTTETOWN
Prince Edward Island
C1A 7M8
Tel.: (902) 568-7400
Fax: (902) 566-7450

QUEBEC

Industry Canada
Suite 3800
800 Tour de la Victoria
Place
P.O. Box 247
MONTREAL, Quebec
H4Z 1E8
Tel.: (514) 283-8185
or 1-800-361-5367
Fax: (514) 283-3302

SASKATCHEWAN

Industry Canada
Suite 401
118 4th Avenue South
SASKATOON, Saskatchewan
S7K 5X2
Tel.: (306) 975-4682
Fax: (306) 975-5334

Note:

Yukon is now serviced by the
VANCOUVER Regional Office
NWT is now serviced by the WINNIPEG
Regional Office

NOVA SCOTIA

Industry Canada
5th Floor
Central Guaranty Trust Tower
1801 Hollis Street
P.O. Box 940, Station M
HALIFAX, Nova Scotia
B3J 2V9
Tel.: (902) 428-4782
Fax: (902) 428-2624

ONTARIO

Industry Canada
4th Floor
Dominion Public Building
1 Front Street West
TORONTO, Ontario
M5J 1A4
Tel.: (416) 973-4782
Fax: (416) 954-1385

ALBERTA

Industry Canada
Room 540
Canada Place
9700 Jasper Avenue
EDMONTON, Alberta
T5J 4C3
Tel.: (403) 495-4782
Fax: (403) 495-4507

Industry Canada
Suite 1100
510 - 5th Street S.W.
CALGARY, Alberta
T2P 3S2
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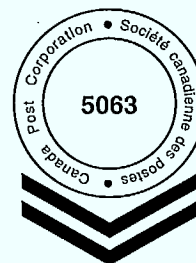
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