

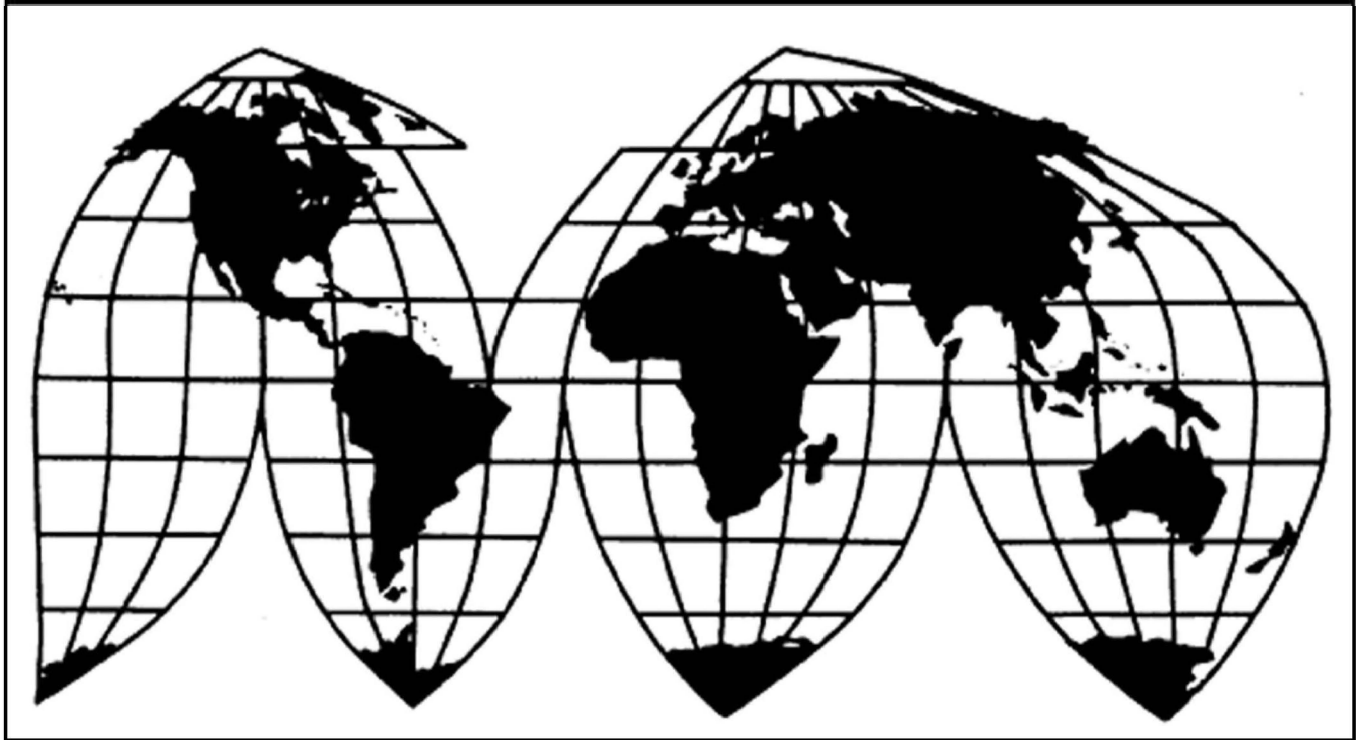
Sodium Nitrite from Russia

Investigation No. 731-TA-1586 (Final)

Publication 5379

October 2022

U.S. International Trade Commission



Washington, DC 20436

U.S. International Trade Commission

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Note.—Information that would reveal confidential operations of individual concerns may not be published. Such information is identified by brackets in confidential reports and is deleted and replaced with asterisks (***) in public reports.

UNITED STATES INTERNATIONAL TRADE COMMISSION

Investigation No. 731-TA-1586 (Final)

Sodium Nitrite from Russia

DETERMINATION

On the basis of the record¹ developed in the subject investigation, the United States International Trade Commission (“Commission”) determines, pursuant to the Tariff Act of 1930 (“the Act”), that an industry in the United States is materially injured by reason of imports of sodium nitrite from Russia, provided for in subheading 2834.10.10 of the Harmonized Tariff Schedule of the United States, that have been found by the U.S. Department of Commerce (“Commerce”) to be sold in the United States at less than fair value (“LTFV”).²

BACKGROUND

The Commission instituted this investigation effective January 13, 2022, following receipt of antidumping and countervailing duty petitions filed with the Commission and Commerce by Chemtrade Chemicals US LLC, Parsippany, New Jersey. The Commission established a general schedule for the conduct of the final phase of its investigations of sodium nitrite from India and Russia following publication of a preliminary determination by Commerce that imports of sodium nitrite were subsidized by the government of Russia. Notice of the scheduling of the final phase of the Commission’s investigations and of a public hearing to be held in connection therewith was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the *Federal Register* of April 20, 2022 (87 FR 23567). In light of the restrictions on access to the Commission building due to the COVID–19 pandemic, the Commission conducted its hearing through written testimony and video conference on June 21, 2022. All persons who requested the opportunity were permitted to participate.

The investigation schedules became staggered when Commerce did not align its countervailing duty investigation on Russia with either of the corresponding antidumping duty

¹ The record is defined in § 207.2(f) of the Commission’s Rules of Practice and Procedure (19 CFR 207.2(f)).

² 87 FR 55781 (September 12, 2022).

investigations; did not postpone the final determination of its antidumping duty investigation on Russia; and aligned its countervailing duty investigation on sodium nitrite from India with its postponed antidumping duty investigation regarding India. On August 15, 2022, the Commission issued a final affirmative determination in its countervailing duty investigation of sodium nitrite from Russia (87 FR 51141, August 19, 2022). Following publication of a final determination by Commerce that imports of sodium nitrite from Russia were being sold at LTFV within the meaning of section 735(a) of the Act (19 U.S.C. 1673d(a)), notice of the supplemental scheduling of the final phase of the Commission's antidumping duty investigation on Russia was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the *Federal Register* of September 23, 2022 (87 FR 58136).

Views of the Commission

Based on the record in the final phase of this investigation, we determine that an industry in the United States is materially injured by reason of imports of sodium nitrite from Russia found by the U.S. Department of Commerce (“Commerce”) to be sold in the United States at less than fair value.

I. Background

The petitions in the antidumping and countervailing duty investigations of imports of sodium nitrite from India and Russia were filed on January 13, 2022 by Chemtrade Chemicals US LLC (“Chemtrade”), a domestic producer of sodium nitrite.¹ The investigation schedules became staggered into three stages when the U.S. Department of Commerce (“Commerce”) did not align its countervailing duty investigation on Russia with either of the antidumping duty investigations;² did not postpone the final determination of its antidumping duty investigation on Russia;³ and aligned its countervailing duty investigation of sodium nitrite from India with its postponed antidumping duty investigation regarding India.⁴ This necessitated an earlier Commission determination in the final countervailing duty investigation of sodium nitrite from

¹ Confidential Report, INV-UU-097 (Oct. 7, 2022) (“Supplemental CR”) at I-1; *Sodium Nitrite from Russia*, Inv. No. 731-TA-1586 (Final), USITC Pub. 5379 (Oct. 2022) (“Supplemental PR”) at I-1.

² *Sodium Nitrite From the Russian Federation: Final Affirmative Countervailing Duty Determination*, 87 Fed. Reg. 38375 (Jun. 28, 2022).

³ *Sodium Nitrite From the Russian Federation: Final Affirmative Determination of Sales at Less Than Fair Value*, 87 Fed. Reg. 55781 (Sep. 12, 2022).

⁴ *Sodium Nitrite From India: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures*, 87 Fed. Reg. 50604 (Aug. 17, 2022).

Russia (“leading investigation”). The Commission published its final affirmative determination regarding subsidized imports in the leading investigation in August 2022.⁵

Subsequently, Commerce published its final affirmative determination in the antidumping duty investigation concerning Russia on September 12, 2022.⁶ As a result, the Commission must now make its determination in the antidumping duty investigation on sodium nitrite from Russia (“trailing Russia investigation”) and will make its determinations in the other trailing investigations at a later date following Commerce’s related final determinations.⁷ Pursuant to the statutory provision on staggered investigations, the record for the current trailing investigation closed on July 19, 2022, at the same time as the record for the leading investigation, except that the final Commerce antidumping duty determination on subject imports from Russia and any party’s supplemental comments concerning that determination have been added to the record.^{8 9}

II. Negligible Imports

Pursuant to Section 771(24) of the Tariff Act, imports from a country subject to an investigation corresponding to a domestic like product that account for less than 3 percent of all such merchandise imported into the United States during the most recent 12 months for

⁵ *Sodium Nitrite from Russia*, Inv. No. 701-TA-680 (Final), USITC Pub. 5342 (August 2022) (“*Sodium Nitrite Leading Determination*”).

⁶ *Sodium Nitrite From the Russian Federation: Final Affirmative Determination of Sales at Less Than Fair Value*, 87 Fed. Reg. 55781 (Sep. 12, 2022).

⁷ Commerce is currently scheduled to issue its final antidumping and countervailing duty determinations in the investigations regarding India by December 30, 2022. Supplemental CR/PR at Table I-1.

⁸ See 19 U.S.C. § 1677(7)(g)(iii).

⁹ Chemtrade filed comments with respect to the antidumping duty investigation on sodium nitrite from Russia. Chemtrade Supplemental Final Comments, EDIS Doc. 780743 (Sep. 21, 2022) (“Supplemental Comments”). No respondent filed supplemental comments.

which data are available preceding the filing of the petition shall generally be deemed negligible.¹⁰

During the 12-month period prior to the filing of the petitions (January 2021 through December 2021), subject imports of sodium nitrite from Russia in the antidumping duty investigation accounted for 7.1 percent of total imports of sodium nitrite.^{11 12} Accordingly, we find that the subject imports from Russia are not negligible for purposes of the antidumping duty investigation.

III. Material Injury by Reason of Subject Imports

Section 771(7)(G)(iii) of the Tariff Act of 1930, as amended (“the Act”), provides that the Commission must make its material injury determination in the trailing Russia investigation on the basis of the same record as that in the leading investigation, except to the extent discussed above.¹³ Therefore, in this investigation, we adopt the findings and analyses from our determination and views regarding subject imports from the leading investigation with respect to the issues of domestic like product, domestic industry, cumulation, conditions of competition, and material injury by reason of cumulated subject imports.^{14 15}

¹⁰ 19 U.S.C. § 1677(24)(A)(i).

¹¹ Supplemental CR/PR at Table I-3. The subject imports for both the antidumping and countervailing duty investigations were the same since Commerce did not find any firms to be *de minimis* for either investigation. *Id.* at Table I-3 Note.

¹² In these investigations, we adopt the negligibility analyses from our determination and views regarding subject imports from the leading investigation. *See Sodium Nitrite Leading Determination*, USITC Pub. 5342 at 12 n.37; Supplemental CR/PR at Table I-3.

¹³ 19 U.S.C. § 1677(7)(G)(iii).

¹⁴ *Sodium Nitrite Leading Determination*, USITC Pub. 5342.

¹⁵ The statute additionally instructs the Commission to consider the “magnitude of the margin of dumping” in an antidumping duty proceeding as part of its consideration of the impact of imports. 19 U.S.C. § 1677(7)(C)(iii)(V). In its final antidumping duty determination with respect to Russia, Commerce (Continued...)

Accordingly, we determine that an industry in the United States is materially injured by reason of subject imports of sodium nitrite from Russia found by Commerce to be sold in the United States at less than fair value.

calculated dumping margins of 207.17 percent for Uralchem, JSC and all others. *Sodium Nitrite From the Russian Federation: Final Affirmative Determination of Sales at Less Than Fair Value*, 87 Fed. Reg. 55781 (Sep. 12, 2022); Supplemental CR/PR at Table I-2. The margins are unchanged from Commerce's preliminary determination. *See Sodium Nitrite Leading Determination*, USITC Pub 5342 at I-6. The Commission notes that no individual producers/exporters in this trailing investigation were excluded from Commerce's final affirmative determination.

As part of our analysis, we have taken into account Commerce's final determination that subject imports from Russia are sold in the United States at less than fair value. In addition to this consideration, other factors that support our analysis from the leading determination in *Sodium Nitrite Leading Determination* remain unchanged and do not require modification of that analysis; in turn, our analysis of the significant price effects of cumulated subject imports found in the leading determination is especially probative to our assessment of the impact of subject imports from Russia on the domestic industry. *See Sodium Nitrite Leading Determination*, USITC Pub. 5342 at 31-34.

Part I: Introduction

Background

These investigations result from petitions filed with the U.S. Department of Commerce (“Commerce”) and the U.S. International Trade Commission (“USITC” or “Commission”) by Chemtrade Chemicals US LLC, Parsippany, New Jersey, on January 13, 2022, alleging that an industry in the United States is materially injured and threatened with material injury by reason of subsidized and less-than-fair-value (“LTFV”) imports of sodium nitrite¹ from India and Russia. Table I-1 presents information relating to the background of this investigation.^{2 3}

¹ For a complete description of the merchandise subject to this proceeding, see the section entitled “The Subject Merchandise” in Part I of *Sodium Nitrite from Russia: Investigation No. 701-TA-680 (Final)*, USITC Publication 5342, August 2022.

² Pertinent Federal Register notices are referenced in appendix A, and may be found at the Commission’s website (www.usitc.gov).

³ Appendix B presents a list of witnesses who appeared at the Commission’s hearing.

Table I-1**Sodium nitrite: Information relating to the background and schedule of this proceeding**

Effective date	Action
January 13, 2022	Petitions filed with Commerce and the Commission; institution of the Commission's investigations (87 FR 3333, January 21, 2022)
February 2, 2022	Commerce's notices of initiation of less-than-fair-value ("LTFV") investigations (87 FR 7122, February 8, 2022) and countervailing duty ("CVD") investigations (87 FR 7108, February 8, 2022)
February 28, 2022	Commission's preliminary determinations (87 FR 12487, March 4, 2022)
April 15, 2022	Commerce's preliminary CVD determination regarding Russia (87 FR 22504, April 15, 2022); scheduling of final phase of Commission investigations (87 FR 23567, April 20, 2022)
June 21, 2022	Commerce's preliminary CVD determination regarding India and alignment with final antidumping duty ("AD") determination (87 FR 36824, June 21, 2022)
June 21, 2022	Commission's hearing
June 22, 2022	Commerce's final CVD determination regarding Russia (87 FR 38375, June 28, 2022)
June 22, 2022	Commerce's preliminary AD determination regarding Russia (87 FR 38377, June 28, 2022)
July 27, 2022	Commission's vote regarding Russia CVD
August 15, 2022	Commission's determination and views regarding Russia CVD (87 FR 51141, August 19, 2022)
August 17, 2022	Commerce's preliminary AD determination regarding India and postponement of final determination (87 FR 50604, August 17, 2022)
August 22, 2022	Commerce's order regarding Russia CVD (87 FR 51341, August 22, 2022)
September 12, 2022	Commerce's final determination regarding Russia AD (87 FR 55781, September 12, 2022)
September 12, 2022	Scheduling of final phase of Commission's investigation regarding Russia AD (87 FR 58136, September 23, 2022)
October 17, 2022	Commission's vote regarding Russia AD
October 27, 2022	Commission's views regarding Russia AD
December 30, 2022	Scheduled date for Commerce's final AD and CVD determinations regarding India

The information contained in this report is intended to be used in conjunction with data presented in the Commission’s report on *Sodium Nitrite from Russia, Investigation No. 701-TA-680 (Final)*, USITC Publication 5342, August 2022, and its corresponding confidential report contained in memorandum No. INV-UU-074, *Sodium Nitrite from India and Russia: Investigation Nos. 701-TA-679-680 and 731-TA-1585-1586 (Final)*, revised by memorandum No. INV-UU-075 (July 12, 2022).^{4 5} No new information except for Commerce’s final LTFV determinations concerning sodium nitrite from Russia, and party comments thereon is included in the record for this proceeding.⁶

Nature and extent of sales at LTFV

On September 12, 2022, Commerce published a notice in the Federal Register of its final determination of sales at LTFV with respect to imports from Russia⁷. Table I-2 presents Commerce’s dumping margins with respect to imports of product from Russia.

Table I-2
Sodium Nitrite: Commerce’s final weighted-average LTFV margins with respect to imports from Russia

Exporter/Producer	Final dumping margin (percent)
Uralchem, JSC	207.17
All others	207.17

Source: 87 FR 55781, September 12, 2022.

⁴ Appendix C of this report reproduces summary data referenced in the Commission’s views.

⁵ As noted in the aforementioned confidential report *Sodium Nitrite from India and Russia: Investigation Nos. 701-TA-679-680 and 731-TA-1585-1586 (Final)* (p. III-1), SABIC Innovative Chemicals US, LLC (“SABIC”) stated that it ***. SABIC provided limited information on production and sales quantities for calendar years 2019-21 in email correspondence. Appendix D presents apparent U.S. consumption and market share data based on quantity, inclusive of SABIC’s by-product production and sales quantities.

⁶ Comments consistent with the statutory limitation for subsequently completed investigations were filed on behalf of Chemtrade Chemicals US LLC.

⁷ 87 FR 55781, September 12, 2022.

Negligibility

The statute requires that an investigation be terminated without an injury determination if imports of the subject merchandise are found to be negligible.⁸ Negligible imports are generally defined in the Act, as amended, as imports from a country of merchandise corresponding to a domestic like product where such imports account for less than 3 percent of the volume of all such merchandise imported into the United States in the most recent 12-month period for which data are available that precedes the filing of the petition or the initiation of the investigation. However, if there are imports of such merchandise from a number of countries subject to investigations initiated on the same day that individually account for less than 3 percent of the total volume of the subject merchandise, and if the imports from those countries collectively account for more than 7 percent of the volume of all such merchandise imported into the United States during the applicable 12-month period, then imports from such countries are deemed not to be negligible.⁹ Imports from Russia accounted for 7.1 percent of total imports of sodium nitrite by quantity during 2021.

Table I-3
Sodium nitrite: U.S. imports in the twelve-month period preceding the filing of the petition, January 2021 through December 2021

Quantity in 1,000 dry pounds; share in percent

Source of imports	Quantity	Share of quantity
India	15,438	92.9
Russia	1,173	7.1
Nonsubject sources	7	0.0
All import sources	16,618	100.0

Source: Compiled from official U.S. imports statistics of the U.S. Department of Commerce Census Bureau using HTS statistical reporting number 2834.10.1000, accessed on May 18, 2022. Imports are based on the imports for U.S. consumption data series.

Note: These calculations are based on Commerce's final AD determinations for sodium nitrite from Russia (87 FR 55781, September 12, 2022), and are unchanged from the calculations in the leading investigations. Nonsubject sources do not include imports from Canada which are believed to be out of scope.

Note: Share of quantity is the share of total imports by quantity.

⁸ Sections 703(a)(1), 705(b)(1), 733(a)(1), and 735(b)(1) of the Act (19 U.S.C. §§ 1671b(a)(1), 1671d(b)(1), 1673b(a)(1), and 1673d(b)(1)).

⁹ Section 771 (24) of the Act (19 U.S.C § 1677(24)).

APPENDIX A
FEDERAL REGISTER NOTICES

The Commission makes available notices relevant to its investigations and reviews on its website, www.usitc.gov. In addition, the following tabulation presents, in chronological order, Federal Register notices issued by the Commission and Commerce during the current proceeding.

Citation	Title	Link
87 FR 3333 January 21, 2022	<i>Sodium Nitrite From India and Russia; Institution of Antidumping and Countervailing Duty Investigations and Scheduling of Preliminary Phase Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2022-01-21/pdf/2022-01089.pdf
87 FR 7122 February 8, 2022	<i>Sodium Nitrite From India and the Russian Federation: Initiation of Less Than-Fair-Value Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2022-02-08/pdf/2022-02635.pdf
87 FR 7108 February 8, 2022	<i>Sodium Nitrite From India and the Russian Federation: Initiation of Countervailing Duty Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2022-02-08/pdf/2022-02634.pdf
87 FR 12487 March 4, 2022	<i>Sodium Nitrite from India and Russia</i>	https://www.govinfo.gov/content/pkg/FR-2022-03-04/pdf/2022-04569.pdf
87 FR 15373 March 18, 2022	<i>Sodium Nitrite From India: Postponement of Preliminary Determination in the Countervailing Duty Investigation</i>	https://www.govinfo.gov/content/pkg/FR-2022-03-18/pdf/2022-05724.pdf
87 FR 22504 April 15, 2022	<i>Sodium Nitrite From the Russian Federation: Preliminary Affirmative Countervailing Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2022-04-15/pdf/2022-08082.pdf

Citation	Title	Link
87 FR 23567 April 20, 2022	<i>Sodium Nitrite From India and Russia; Scheduling of the Final Phase of Countervailing Duty and Antidumping Duty Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2022-04-20/pdf/2022-08435.pdf
87 FR 34851 June 8, 2022	<i>Sodium Nitrite From India: Postponement of Preliminary Determination in the Less-Than-FairValue Investigation</i>	https://www.govinfo.gov/content/pkg/FR-2022-06-08/pdf/2022-12348.pdf
87 FR 36824 June 21, 2022	<i>Sodium Nitrite From India: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With the Final Antidumping Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2022-06-21/pdf/2022-13184.pdf
87 FR 38375 June 28, 2022	<i>Sodium Nitrite From the Russian Federation: Final Affirmative Countervailing Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2022-06-28/pdf/2022-13772.pdf
87 FR 38377 June 28, 2022	<i>Sodium Nitrite From the Russian Federation: Preliminary Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2022-06-28/pdf/2022-13791.pdf
87 FR 50604 August 17, 2022	<i>Sodium Nitrite From India: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures</i>	https://www.govinfo.gov/content/pkg/FR-2022-08-17/pdf/2022-17721.pdf
87 FR 51141 August 19, 2022	<i>Sodium Nitrite From Russia</i>	https://www.govinfo.gov/content/pkg/FR-2022-08-19/pdf/2022-17814.pdf

Citation	Title	Link
87 FR 51341 August 22, 2022	<i>Sodium Nitrite From the Russian Federation: Countervailing Duty Order</i>	https://www.govinfo.gov/content/pkg/FR-2022-08-22/pdf/2022-18054.pdf
87 FR 55781 September 12, 2022	<i>Sodium Nitrite From the Russian Federation: Final Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2022-09-12/pdf/2022-19655.pdf
87 FR 58136 September 23, 2022	<i>Sodium Nitrite From Russia: Supplemental Schedule for the Final Phase of Antidumping Duty Investigation</i>	https://www.govinfo.gov/content/pkg/FR-2022-09-23/pdf/2022-20691.pdf

APPENDIX B

LIST OF HEARING WITNESSES

CALENDAR OF PUBLIC HEARING

Those listed below appeared in the United States International Trade Commission’s hearing via videoconference:

Subject: Sodium Nitrite from India and Russia
Inv. Nos.: 701-TA-679-680 and 731-TA-1585-1586 (Final)
Date and Time: June 21, 2022 - 9:30 a.m.

OPENING REMARKS:

In Support of Imposition (**Mary Jane Alves**, Cassidy Levy Kent (USA) LLP)
In Opposition to Imposition (**A. K. Gupta**, TPM Solicitors & Consultants)

**In Support of Imposition of
Antidumping and Countervailing Duty Orders:**

Cassidy Levy Kent (USA) LLP
Washington, DC
on behalf of

Chemtrade Chemicals US LLC (“Chemtrade”)

Don Boonstra, Business Director for the Electrochemicals Business
Unit, Chemtrade

Douglas McFarland, Director, Sales and Marketing, Chemtrade
Logistics Inc.

Willard “Ray” Emfinger, Commercial Manager for Sodium Nitrite,
Chemtrade Logistics Inc.

James R. Cannon)
) – OF COUNSEL
Mary Jane Alves)

**In Opposition to Imposition of
Antidumping and Countervailing Duty Orders:**

Diaz Trade Law
North Miami, FL
on behalf of

Deepak Nitrite Limited (“DNL”)

Rajendra Shinde, Vice President, DNL

A. K. Gupta, Director, TPM Solicitors & Consultants

David J. Craven) – OF COUNSEL

REBUTTAL/CLOSING REMARKS:

In Support of Imposition (**James R. Cannon, Jr.**, Cassidy Levy Kent (USA) LLP)

In Opposition to Imposition (**A. K. Gupta**, TPM Solicitors & Consultants)

-END-

APPENDIX C
SUMMARY DATA

Table C-1

Sodium nitrite: Summary data concerning the U.S. market, by period

Quantity=1,000 dry pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per dry pound; Period changes=percent--exceptions noted

	Reported data					Period changes			
	Calendar year			Jan-Mar		Comparison years			Jan-Mar
	2019	2020	2021	2021	2022	2019-21	2019-20	2020-21	2021-22
U.S. consumption quantity:									
Amount.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Producers' share (fn1).....	***	***	***	***	***	▼***	▼***	▼***	▲***
Importers' share (fn1):									
India.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Russia.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Subject sources.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Nonsubject sources.....	***	***	***	***	***	▼***	▼***	▲***	▲***
All import sources.....	***	***	***	***	***	▲***	▲***	▲***	▼***
U.S. consumption value:									
Amount.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Producers' share (fn1).....	***	***	***	***	***	▼***	▼***	▼***	▲***
Importers' share (fn1):									
India.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Russia.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Subject sources.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Nonsubject sources.....	***	***	***	***	***	▼***	▼***	▲***	▲***
All import sources.....	***	***	***	***	***	▲***	▲***	▲***	▼***
U.S. imports from:									
India:									
Quantity.....	10,356	12,864	15,438	4,946	2,829	▲49.1	▲24.2	▲20.0	▼(42.8)
Value.....	3,920	4,708	6,268	1,804	1,478	▲59.9	▲20.1	▲33.1	▼(18.1)
Unit value.....	\$0.38	\$0.37	\$0.41	\$0.36	\$0.52	▲7.3	▼(3.3)	▲10.9	▲43.2
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Russia:									
Quantity.....	298	1,969	1,173	335	---	▲294.1	▲561.5	▼(40.4)	▼(100.0)
Value.....	97	623	437	106	---	▲351.4	▲543.1	▼(29.8)	▼(100.0)
Unit value.....	\$0.33	\$0.32	\$0.37	\$0.32	---	▲14.5	▼(2.8)	▲17.8	▼(100.0)
Ending inventory quantity.....	***	***	***	***	***	▼***	▲***	▼***	▼***
Subject sources:									
Quantity.....	10,654	14,833	16,611	5,281	2,829	▲55.9	▲39.2	▲12.0	▼(46.4)
Value.....	4,017	5,331	6,705	1,910	1,478	▲66.9	▲32.7	▲25.8	▼(22.6)
Unit value.....	\$0.38	\$0.36	\$0.40	\$0.36	\$0.52	▲7.1	▼(4.7)	▲12.3	▲44.4
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Nonsubject sources (fn2):									
Quantity.....	10	3	7	---	3	▼(31.0)	▼(71.0)	▲138.0	▲***
Value.....	55	12	40	---	24	▼(26.3)	▼(78.4)	▲240.6	▲***
Unit value.....	\$5.76	\$4.30	\$6.15	---	\$7.08	▲6.8	▼(25.4)	▲43.1	▲***
Ending inventory quantity.....	***	***	***	***	***	***	***	***	***
All import sources:									
Quantity.....	10,663	14,836	16,618	5,281	2,832	▲55.8	▲39.1	▲12.0	▼(46.4)
Value.....	4,071	5,343	6,745	1,910	1,502	▲65.7	▲31.2	▲26.2	▼(21.4)
Unit value.....	\$0.38	\$0.36	\$0.41	\$0.36	\$0.53	▲6.3	▼(5.7)	▲12.7	▲46.6
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***

Table continued.

Table C-1 Continued

Sodium nitrite: Summary data concerning the U.S. market, by period

Quantity=1,000 dry pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per dry pound; Period changes=percent--exceptions noted

	Reported data					Period changes			
	Calendar year			Jan-Mar		Comparison years			Jan-Mar
	2019	2020	2021	2021	2022	2019-21	2019-20	2020-21	2021-22
U.S. producers':									
Average capacity quantity.....	***	***	***	***	***	***	***	***	***
Production quantity.....	***	***	***	***	***	▼***	▼***	▲***	▼***
Capacity utilization (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▼***
U.S. shipments:									
Quantity.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Value.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Export shipments:									
Quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Value.....	***	***	***	***	***	▼***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Inventories/total shipments (fn1).....	***	***	***	***	***	▲***	▼***	▲***	▲***
Production workers.....	***	***	***	***	***	***	▼***	▲***	▲***
Hours worked (1,000s).....	***	***	***	***	***	▲***	▼***	▲***	▲***
Wages paid (\$1,000).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Hourly wages (dollars per hour).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Productivity (dry pounds per hour).....	***	***	***	***	***	▼***	▼***	▼***	▼***
Unit labor costs.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Net sales:									
Quantity.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Value.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Cost of goods sold (COGS).....	***	***	***	***	***	▲***	▼***	▲***	▲***
Gross profit or (loss) (fn3).....	***	***	***	***	***	▲***	▼***	▲***	▲***
SG&A expenses.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Operating income or (loss) (fn3).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Net income or (loss) (fn3).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Unit COGS.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit SG&A expenses.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit operating income or (loss) (fn3).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Unit net income or (loss) (fn3).....	***	***	***	***	***	▲***	▲***	▼***	▲***
COGS/sales (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▼***
Operating income or (loss)/sales (fn1).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Net income or (loss)/sales (fn1).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Capital expenditures.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Research and development expenses...	***	***	***	***	***	***	***	***	***
Net assets.....	***	***	***	***	***	▼***	▼***	▼***	***

Source: Compiled from data submitted in response to Commission questionnaires and from official U.S. import statistics of the U.S. Department of Commerce Census Bureau using HTS statistical reporting number 2834.10.1000, accessed May 18, 2022. Imports are based on the imports for consumption data series. Import value data reflect landed duty-paid values. 508-compliant tables containing these data are contained in parts III, IV, VI, and VII of this report.

Note.--Shares and ratios shown as "0.0" percent represent non-zero values less than "0.05" percent (if positive) and greater than "(0.05)" percent (if negative). Zeroes, null values, and undefined calculations are suppressed and shown as "--". Period changes preceded by a "▲" represent an increase, while period changes preceded by a "▼" represent a decrease.

fn1.--Reported data are in percent and period changes are in percentage points.

fn2.--Nonsubject sources do not include imports from Canada which have been certified as out of scope.

fn3.--Percent changes only calculated when both comparison values represent profits; The directional change in profitability provided when one or both comparison values represent a loss.

APPENDIX D

APPARENT U.S. CONSUMPTION AND MARKET SHARES INCLUSIVE OF SABIC

Table D-1**Sodium nitrite: Apparent U.S. consumption and market shares based on quantity data inclusive of by-product producer SABIC, by source and period**

Quantity in 1,000 dry pounds; shares in percent

Source	Measure	2019	2020	2021
U.S. primary producer	Quantity	***	***	***
U.S. by-product producer	Quantity	***	***	***
All U.S. producers	Quantity	***	***	***
India	Quantity	10,356	12,864	15,438
Russia	Quantity	298	1,969	1,173
Subject sources	Quantity	10,654	14,833	16,611
Nonsubject sources	Quantity	10	3	7
All import sources	Quantity	10,663	14,836	16,618
All sources	Quantity	***	***	***
U.S. primary producer	Share	***	***	***
U.S. by-product producer	Share	***	***	***
All U.S. producers	Share	***	***	***
India	Share	***	***	***
Russia	Share	***	***	***
Subject sources	Share	***	***	***
Nonsubject sources	Share	***	***	***
All import sources	Share	***	***	***
All sources	Share	***	***	***

Source: Compiled from data submitted in response to Commission questionnaires, from official U.S. import statistics of the U.S. Department of Commerce Census Bureau using HTS statistical reporting number 2834.10.1000, accessed on May 18, 2022, and email received from U.S. by-product producer SABIC. Imports are based on the imports for consumption data series. Nonsubject sources do not include imports from Canada which are believed to be out of scope. SABIC sales quantities are available for the full year periods only and were labeled as product sold in the email response received from the company.

Note: Shares and ratios shown as "0.0" represent values greater than zero, but less than "0.05" percent. Zeroes, null values, and undefined calculations are suppressed and shown as "--".

