TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM337019

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
VERTELLUS PERFORMANCE CHEMICALS LLC		01/30/2015	LIMITED LIABILITY COMPANY: DELAWARE
VERTELLUS SBH HOLDINGS LLC		01/30/2015	LIMITED LIABILITY COMPANY: DELAWARE
VSI ACQUISITION CORP.		01/30/2015	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	PNC BANK, NATIONAL ASSOCIATION, as Agent
Street Address:	200 South Wacker Drive, Suite 600
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606
Entity Type:	National Banking Asssociation: UNITED STATES

PROPERTY NUMBERS Total: 8

Property Type	Number	Word Mark
Registration Number:	2940688	ACUBRIGHT
Registration Number:	0811200	BOROL
Registration Number:	2351816	BOROL
Registration Number:	2744961	CHROMACLEAR
Registration Number:	2502672	COLORCLEAR
Registration Number:	1436979	VENMET
Registration Number:	1431651	VENPURE
Registration Number:	3850450	BOROFUEL

CORRESPONDENCE DATA

Fax Number: 3128637806

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 312-863-7198

Email: nancy.brougher@goldbergkohn.com

Correspondent Name: Nancy Brougher, Paralegal

Address Line 1: Goldberg Kohn Ltd.

TRADEMARK

900320486 REEL: 005490 FRAME: 0237

Address Line 2: 55 East Monroe Street, Suite 3300
Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER: 4033.099

ATTORNEY DOCKET NUMBER: 4033.099

NAME OF SUBMITTER: Nancy Brougher

SIGNATURE: /njb/

DATE SIGNED: 04/02/2015

Total Attachments: 34

source=Vertellus IP Security Agreement#page1.tif source=Vertellus IP Security Agreement#page2.tif source=Vertellus IP Security Agreement#page3.tif source=Vertellus IP Security Agreement#page4.tif source=Vertellus IP Security Agreement#page5.tif source=Vertellus IP Security Agreement#page6.tif source=Vertellus IP Security Agreement#page7.tif source=Vertellus IP Security Agreement#page8.tif source=Vertellus IP Security Agreement#page9.tif source=Vertellus IP Security Agreement#page10.tif source=Vertellus IP Security Agreement#page11.tif source=Vertellus IP Security Agreement#page12.tif source=Vertellus IP Security Agreement#page13.tif source=Vertellus IP Security Agreement#page14.tif source=Vertellus IP Security Agreement#page15.tif source=Vertellus IP Security Agreement#page16.tif source=Vertellus IP Security Agreement#page17.tif source=Vertellus IP Security Agreement#page18.tif source=Vertellus IP Security Agreement#page19.tif source=Vertellus IP Security Agreement#page20.tif source=Vertellus IP Security Agreement#page21.tif source=Vertellus IP Security Agreement#page22.tif source=Vertellus IP Security Agreement#page23.tif source=Vertellus IP Security Agreement#page24.tif source=Vertellus IP Security Agreement#page25.tif source=Vertellus IP Security Agreement#page26.tif source=Vertellus IP Security Agreement#page27.tif source=Vertellus IP Security Agreement#page28.tif source=Vertellus IP Security Agreement#page29.tif source=Vertellus IP Security Agreement#page30.tif source=Vertellus IP Security Agreement#page31.tif source=Vertellus IP Security Agreement#page32.tif source=Vertellus IP Security Agreement#page33.tif source=Vertellus IP Security Agreement#page34.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated as of January 30, 2015, is made by and among the Persons listed on the signature pages hereof (collectively, the "Grantors") and PNC Bank, National Association, as the administrative and collateral agent (in such capacity, together with its permitted successors and assigns, the "Agent") for the Lenders (as defined in the Pledge and Security Agreement referred to below).

WHEREAS, VERTELLUS PERFORMANCE CHEMICALS LLC, a Delaware limited liability company ("VPC"), certain affiliates of VPC, the Lenders from time to time party thereto, and the Agent have entered into that certain Revolving Credit and Security Agreement dated as of January 30, 2015 (as amended, amended and restated, waived, renewed, replaced, restructured, supplemented or otherwise modified from time to time, the "Credit Agreement"). Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement.

WHEREAS, as a condition precedent to the Lenders making their respective extensions of credit and other accommodations as set forth in the Credit Agreement and/or the Other Documents, each Grantor has executed and delivered that certain Pledge and Security Agreement dated as of January 30, 2015 by and among the Grantors and the Agent (as amended, amended and restated, waived, renewed, replaced, restructured, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Agent, for the ratable benefit of the Lenders, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

- NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:
- SECTION 1. <u>Definitions</u>. Unless otherwise defined in this IP Security Agreement, capitalized terms herein shall have the meanings ascribed to them in the Security Agreement.
- SECTION 2. <u>Grant of Security</u>. Each Grantor hereby grants to the Agent for the ratable benefit of the Lenders a security interest in such Grantor's right, title and interest in and to the following property of such Grantor, whether now owned or hereafter acquired by such Grantor, wherever located, and whether now or hereafter existing or arising (collectively, the "Collateral"):
 - (i) all patents, patent applications, utility models and statutory invention registrations, together with all inventions claimed or disclosed therein, and all improvements thereto, including the patents and patent applications set forth in Schedule A hereto (the "Patents");

- (ii) all trademarks, service marks, domain names, trade dress, logos, designs, slogans, trade names, business names, fictitious business names, corporate names, certification marks, collective marks, and other source identifiers, whether registered or unregistered, including the trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in any United States intent-to-use trademark application for registration of a trademark filed pursuant to Section 1(b) of the Lanham Act, 15 U.S.C. § 1051, prior to the filing of a "Statement of Use" pursuant to Section 1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, solely to the extent that and solely during the period in which the grant of a security interest therein would impair the validity or enforceability of any registration that issues from such intent-to-use trademark application under applicable federal law), together, in each case, with the goodwill symbolized thereby (the "Trademarks");
- (iii) all copyrights (whether or not the underlying works of authorship have been published), including, without limitation, copyrights in Computer Software (as defined in the Security Agreement), internet web sites and the content thereof, whether registered or unregistered, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto (the "Copyrights");
- (iv) all registrations and applications for registration for any of the foregoing, including, without limitation, those registrations and applications for registration set forth in Schedules A, B and C hereto, together with all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations thereof and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;
- (v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and
- (vi) all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the foregoing Collateral.
- SECTION 3. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, the security interest in the Collateral created hereunder secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations and would be owed by such Grantor to the Agent and/or any Lender under the Credit Agreement and/or the Other Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving the Grantor.

SECTION 4. <u>Recordation</u>. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 5. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart of a signature page to this IP Security Agreement by telecopier, e-mail or other electronic means shall be effective as delivery of an original executed counterpart of this Agreement.

SECTION 6. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 7. Governing Law. THIS AGREEMENT SHALL BE GOVERNED BY THE LAWS OF THE STATE OF NEW YORK WITHOUT GIVING EFFECT TO ANY CONFLICT OF LAW PRINCIPLES (BUT GIVING EFFECT TO SECTION 5-1401 OF THE NEW YORK GENERAL OBLIGATIONS LAW).

SECTION 8. Intercreditor Agreement. Reference is made to the Intercreditor Agreement, dated of even date herewith, among PNC Bank, National Association, as agent for the Revolving Lenders referred to therein and Wilmington Trust, National Association, as agent for the Term Loan Lenders referred to therein and acknowledged by each of the Grantors (the "Intercreditor Agreement"). Each Person that is secured hereunder, by accepting the benefits of the security provided hereby, (1) consents (or is deemed to consent), to the subordination of Liens provided for in the Intercreditor Agreement, (ii) agrees (or is deemed to agree) that it will be bound by, and will take no actions contrary to, the provisions of the Intercreditor Agreement, (iii) authorizes (or is deemed to authorize) the Agent on behalf of such Person to enter into, and perform under, the Intercreditor Agreement and (iv) acknowledges (or is deemed to acknowledge) that a copy of the Intercreditor Agreement was delivered, or made available, to such Person.

Notwithstanding any other provision contained herein. this Agreement, the Liens created hereby and the rights, remedies, duties and obligations provided for herein are subject in all respects to the provisions of the Intercreditor Agreement. In the event of any conflict or inconsistency between the provisions of this Agreement and the Credit Agreement, the provisions of the Credit Agreement shall control, provided, that, in the event of any inconsistency between the provisions of the Credit Agreement and the Intercreditor Agreement, the provisions of the Intercreditor Agreement shall control.

INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, each Grantor and the Agent have caused this IP Security Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the date first above written.

GRANTORS:

Vertellus Performance Chemicals LLC

Name:

Anne M. Frye

Title:

Vice President and Secretary

Vertellus SBH Holdings LLC

By: ____ Name:

Anne M. Frye

Title:

Vice President and Secretary

VSI Acquisition Corp.

By: ____ Name:

Anne M. Frye

Title:

Vice President and Secretary

Address for Notices for each Grantor:

201 North Illinois Street, Suite 1800 Indianapolis, Indiana 46204 Attention: Anne M. Frye, General Counsel PNC BANK, NATIONAL ASSOCIATION, as Agent

Name: Timothy P. Derry

Title: Senior Vice President

Address for Notices:

200 South Wacker Drive, Suite 600

Chicago, Illinois 60606

Attention: Sherry Winick, Vice President

SCHEDULE A

Patents

Owner	Family Case Reference	Country	Title	Application Number	Publication Number	Grant Number	Expiration Date	Current Status
Vertellus Performanc e Chemicals LLC	69738	Canada	Process for production of an aluminum hydride compound	2733612		2733612	03/09/2031	Granted
Vertellus Performanc e Chemicals LLC	69738	China	Process for production of an aluminum hydride compound	20111008118 9.8	102206144	1022061 44	03/24/2031	Granted
Vertellus Performanc e Chemicals LLC	69738	European Procedure (Patents)	Process for production of an aluminum hydride compound	11157400.0	2368893		03/09/2031	Publication of Application
Vertellus Performanc e Chemicals LLC	69738	India	Process for production of an aluminum hydride compound	807/DEL/201 1			03/23/2031	Filing
Vertellus Performanc e Chemicals LLC	69738	Japan	Process for production of an aluminum hydride compound	2011-049743	2011-207866	5357912	03/08/2031	Granted
Vertellus Performanc e Chemicals LLC	69738	Russian Federation	Process for production of an aluminum hydride compound	2011111121			03/24/2031	Filing
Vertellus Performanc e Chemicals LLC	69738	South Korea	Process for production of an aluminum hydride compound	10-2011- 0027080		10- 1276172	03/25/2031	Granted
Vertellus Performanc e Chemicals LLC	69738	United States Of America	Process for production of an aluminum hydride compound	13/053356	2011- 0233587	8501137	12/15/2031	Granted
Vertellus Performanc e Chemicals LLC	69739	Canada	Process for production of a borohydride compound	2733608			03/09/2031	Filing
Vertellus	69739	China	Process for	20111008114	102219188	20111008	03/24/2031	Granted

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Performanc		1	production of a	4.0	1	1144.0	1	T
e			borohydride	4.0		1144.0		
Chemicals			compound					
LLC								
Vertellus	69739	European	Process for	11157402.6	2368841		03/09/2031	Publication
Performanc		Procedure	production of a					of
е		(Patents)	borohydride					Application
Chemicals			compound					
LLC								
Vertellus	69739	India	Process for	809/DEL/201			03/23/2031	Filing
Performanc			production of a	1				
e Chemicals			borohydride					
LLC			compound					
Vertellus	69739	Japan	Process for	2011-049744	2011-207747	5275391	03/08/2031	Granted
Performanc	09/39	Japan	production of a	2011-049744	2011-207747	32/3391	03/06/2031	Granted
e			borohydride					
Chemicals			compound					
LLC			Compound					
Vertellus	69739	Russian	Process for	2011111120		 	03/24/2031	Filing
Performanc	U21U2	Federation	production of a	MOLEULEO			OUI WILMOST	Ams
е		1 odoration	borohydride					
Chemicals			compound					
LLC								
Vertellus	69739	South Korea	Process for	10-2011-		10-	03/25/2031	Granted
Performanc			production of a	0027048		1292102		
е			borohydride					
Chemicals			compound					
LLC								
Vertellus	69739	United	Process for	13/053355	2011-	8808662	03/22/2031	Granted
Performanc		States of	production of a		0236286			
е		America	borohydride					
Chemicals			compound					
LLC	******************		***************************************		***************************************			
Vertellus	69740	Canada	Process for	2733607		2733607	03/09/2031	Granted
Performanc			production of a					
e			metal hydride					
Chemicals								
LLC Vertellus	60740	C71-1	Dan and for	20111008116	102102026	20111000	02/24/2021	Classical
Performanc	69740	China	Process for production of a	8.6	102198936	20111008	03/24/2031	Granted
			metal hydride	8.0		1108.0		
e Chemicals			metar nyurue					
LLC								
Vertellus	69740	European	Process for	11157403.4	2368840	2368840	03/09/2031	Granted
Performanc	07170	Procedure	production of a	1110/700.7	2500070	2200070	00,0712001	Granica
e		(Patents)	metal hydride					
Chemicals		(a security)	111201111101100					
LLC								
Vertellus	69740	Finland	Process for	11157403.4	2368840	2368840	03/09/2031	Granted
Performanc			production of a					
е			metal hydride					
Chemicals			-					
LLC	000000000000000000000000000000000000000							
			1	1	(1	1
Vertellus Performanc	69740	France	Process for production of a	11157403.4	2368840	2368840	03/09/2031	Granted

е			metal hydride			T]	
Chemicals LLC								
Vertellus Performanc e Chemicals LLC	69740	Germany	Process for production of a metal hydride	11157403.4	2368840	60201100 2498.1	03/09/2031	Granted
Vertellus Performanc e Chemicals LLC	69740	India	Process for production of a metal hydride	808/DEL/201 1			03/23/2031	Filing
Vertellus Performanc e Chemicals LLC	69740	Italy	Process for production of a metal hydride	11157403.4	2368840	2368840	03/09/2031	Granted
Vertellus Performanc e Chemicals LLC	69740	Japan	Process for production of a metal hydride	2011-049745	2011-207748	5275392	03/08/2031	Granted
Vertellus Performanc e Chemicals LLC	69740	Russian Federation	Process for production of a metal hydride	2011111119			03/24/2031	Filing
Vertellus Performanc e Chemicals LLC	69740	South Korea	Process for production of a metal hydride	10-2011- 0027093		10- 1312343	03/25/2031	Granted
Vertellus Performanc e Chemicals LLC	69740	United Kingdom	Process for production of a metal hydride	11157403.4	2368840	2368840	03/09/2031	Granted
Vertellus Performanc e Chemicals LLC	69740	United States of America	Process for production of a metal hydride	13/053350	2011- 0236300	8802051	03/22/2031	Granted
Vertellus Performanc e Chemicals LLC	72384	International Procedure	Free-flowing slurries of small particles of an alkali or alkaline earth metal borohydride	PCT/US13/0 24088	WO/2013/11 6483		01/31/2033	Publication of Application
Vertellus Performanc e Chemicals LLC	72385	International Procedure	Grinding of an alkali or alkaline earth metal borohydride	PCT/US13/0 24249	WO/2013/11 6582		02/01/2033	Publication of Application
Vertellus	72992	International	Method for	WO2013US4	WO/2014/01		07/02/2033	Filing

Performanc		Procedure	generation of	9000	4649	er e		
e Chemicals LLC			hydrogen gas					
Vertellus Performanc e Chemicals LLC	Am2844- 34-00	Finland	Production of sodium borohydride from sodium borohydride dihydrate in a fluidized bed dryer	00306115.7	1072557	1072557	07/18/2020	Granted
Vertellus Performanc e Chemicals LLC	Am2844- 34-00	France	Production of sodium borohydride from sodium borohydride dihydrate in a fluidized bed dryer	00306115.7	1072557	1072557	07/18/2020	Granted
Vertellus Performanc e Chemicals LLC	Am2844- 34-00	Germany	Production of sodium borohydride from sodium borohydride dihydrate in a fluidized bed dryer	00306115.7	1072557	60001203	07/18/2020	Granted
Vertellus Performanc e Chemicals LLC	Am2844- 34-00	Ireland	Production of sodium borohydride from sodium borohydride dihydrate in a fluidized bed dryer	00306115.7	1072557	1072557	07/18/2020	Granted
Vertellus Performanc e Chemicals LLC	Am2844- 34-00	Italy	Production of sodium borohydride from sodium borohydride dihydrate in a fluidized bed dryer	00306115.7	1072557	1072557	07/18/2020	Granted
Vertellus Performanc e Chemicals LLC	Am2844- 34-00	United Kingdom	Production of sodium borohydride from sodium borohydride dihydrate in a fluidized bed dryer	00306115.7	1072557	1072557	07/18/2020	Granted
Vertellus Performanc e	Am2844- 34-00	United States of America	Production of sodium borohydride	09/363103		6231825	07/29/2019	Granted

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Chemicals LLC			borohydride dihydrate in a fluidized bed dryer					
Vertellus Performanc e Chemicals LLC	Ama0146 0	Canada	Method for brightening virgin mechanical pulp	2446490		2446490	10/24/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0146 0	Finland	Method for brightening virgin mechanical pulp	03255900.7	1418269	1418269	09/19/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0146 0	Germany	Method for brightening virgin mechanical pulp	03255900.7	1418269	60326113	09/19/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0146 0	Norway	Method for brightening virgin mechanical pulp	20034839		333781	10/30/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0146 0	Sweden	Method for brightening virgin mechanical pulp	03255900.7	1418269	1418269	09/19/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0146 0	United Kingdom	Method for brightening virgin mechanical pulp	03255900.7	1418269	1418269	09/19/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0146 0	United States of America	Method for brightening virgin mechanical pulp	10/698183	0117914	7163564	10/31/2023	Granted
Vertellus Performanc e Chemicals LLC	Ama0149 7	Finland	Process for production of sodium borohydride from sodium aluminum hydride with recycle of byproducts	04250808.5	1452482	1452482	02/16/2024	Granted
Vertellus Performanc e Chemicals LLC	Ama0149 7	France	Process for production of sodium borohydride from sodium aluminum hydride with	04250808.5	1452482	1452482	02/16/2024	Granted

			recycle of					
Vertellus Performanc e Chemicals LLC	Ama0149 7	Germany	byproducts Process for production of sodium borohydride from sodium aluminum hydride with recycle of byproducts	04250808.5	1452482	60200403 0177.9	02/16/2024	Granted
Vertellus Performanc e Chemicals LLC	Ama0149 7	Italy	Process for production of sodium borohydride from sodium aluminum hydride with recycle of byproducts	04250808.5	1452482	1452482	02/16/2024	Granted
Vertellus Performanc e Chemicals LLC	Ama0149 7	Japan	Process for production of sodium borohydride from sodium aluminum hydride with recycle of byproducts	2004047374	2004256390	4090442	02/24/2024	Granted
Vertellus Performanc e Chemicals LLC	Ama0149 7	United Kingdom	Process for production of sodium borohydride from sodium aluminum hydride with recycle of byproducts	04250808.5	1452482	1452482	02/16/2024	Granted
Vertellus Performanc e Chemicals LLC	Ama0149 7	United States of America	Process for production of sodium borohydride from sodium aluminum hydride with recycle of byproducts	10/775280	0166044	7247286	02/10/2024	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	Canada	Process for production of a borohydride compound	2502971		2502971	03/30/2025	Granted
Vertellus Performanc e	Ama0164 1	China	Process for production of a borohydride	20051006411 7.7	1683242	20051006 41177	04/11/2025	Granted

Chemicals			compound					
Vertellus Performanc e Chemicals LLC	Ama0164 1	Finland	Process for production of a borohydride compound	07076004.6	1914198	1914198	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	Finland	Process for production of a borohydride compound	05252120.0	1586536	1586536	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	France	Process for production of a borohydride compound	07076004.6	1914198	1914198	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	France	Process for production of a borohydride compound	05252120.0	1586536	1586536	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	Germany	Process for production of a borohydride compound	07076004.6	1914198	1914198	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	Germany	Process for production of a borohydride compound	05252120.0	1586536	60200500 5101.5	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	India	Process for production of a borohydride compound	693/del/2005		250665	03/30/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	India	Process for production of a borohydride compound	1985/del/201 1	1985/del/201 1		03/30/2025	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0164 1	Italy	Process for production of a borohydride compound	07076004.6	1914198	1914198	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	Italy	Process for production of a borohydride compound	05252120.0	1586536	1586536	04/05/2025	Granted
Vertellus Performanc e Chemicals	Ama0164 1	South Korea	Process for production of a borohydride compound	20060118117		760321	04/12/2025	Granted

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Vertellus Performanc e Chemicals LLC	Ama0164 1	South Korea	Process for production of a borohydride compound	20060118119		760305	04/12/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	South Korea	Process for production of a borohydride compound	20060118120		760306	04/12/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	South Korea	Process for production of a borohydride compound	20050030209		707947	04/12/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	Taiwan	Process for production of a borohydride compound	094110031	200533598	314918	03/30/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	United Kingdom	Process for production of a borohydride compound	07076004.6	1914198	1914198	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	United Kingdom	Process for production of a borohydride compound	05252120.0	1586536	1586536	04/05/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1	United States of America	Process for production of a borohydride compound	11/098734	0226801	7297316	04/04/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 1a	United States of America	Process for production of a borohydride compound	11/900491	20080069752	7455821	09/12/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 2	Canada	Electroylytic method for producing borohydrine	2503297		2503297	03/31/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 2	China	Electroylytic method for producing borohydrine	20051006501 7.6	1690250	20051006 5017.6	04/12/2025	Granted
Vertellus Performanc e Chemicals LLC	Ama0164 2	European procedure (patents)	Electroylytic method for producing borohydrine	05252119.2	1586677		04/05/2025	Publication of application

Vertellus	Ama0164	India	Electroylytic	696del2005		248785	03/30/2025	Granted
Performanc	2	muia	method for	0900012003		240703	0313012023	Oranicu
e			producing					
Chemicals LLC			borohydrine					
Vertellus	Ama0164	Japan	Electroylytic	2005114236	2005298974	4303215	04/12/2025	Granted
Performanc	2	1	method for					
e Objections			producing					
Chemicals LLC			borohydrine					
Vertellus	Ama0164	South Korea	Electroylytic	20050030542		729987	04/13/2025	Granted
Performanc	2		method for					
e 0			producing					
Chemicals LLC			borohydrine					
Vertellus	Ama0164	Taiwan	Electroylytic	94110369	200538392	310369	03/31/2025	Granted
Performanc	2		method for					
e			producing					
Chemicals LLC			borohydrine					
Vertellus	Ama0164	United	Electroylytic	11/104121	2005-	7638029	10/29/2028	Granted
Performanc	2	States of	method for		0224364			
e		America	producing					
Chemicals LLC			borohydrine					
Vertellus	Ama0164	Canada	One-step	2503244		2503244	03/31/2025	Granted
Performanc	3		electrosynthesis					
e			of borohydride					
Chemicals LLC								
Vertellus	Ama0164	India	One-step	697/del/2005		250522	03/30/2025	Granted
Performanc	3		electrosynthesis					
e			of borohydride					
Chemicals LLC								
Vertellus	Ama0164	Japan	One-step	2005114245	2005325445	4614440	04/12/2025	Granted
Performanc	3	1	electrosynthesis					
e			of borohydride					
Chemicals LLC								
Vertellus	Ama0164	South Korea	One-step	20050030541		740940	04/13/2025	Granted
Performanc	3		electrosynthesis			1,70,710	0 ., 20, 2020	
е			of borohydride					
Chemicals LLC								
Vertellus	Ama0164	Taiwan	One-step	94110367	200604382	299761	03/31/2025	Granted
Performanc	3		electrosynthesis				JU, U II MUMU	
е			of borohydride					
Chemicals LLC								
Vertellus	Ama0175	China	Method for	20061009135	07/22/2009	20061009	06/15/2026	Granted
Performanc	1		dyeing textiles	4.7	0,122,2009	1354.7	3011212020	Si distort
е								
Chemicals LLC								
Vertellus	Ama0175	France	Method for	06252865.8	12/09/2009	1734172	06/02/2026	Granted
701101100	TimaO1/J	1 1 111100	THEMICO IOI	1 0020200000	1 14 07,4007	1 110 1112	1 30:02/2020	Jenney

Performanc	1	1	dyeing textiles	T	1	<u> </u>	1	1
e	1		dyeing textnes					
Chemicals LLC								
Vertellus	Ama0175	Germany	Method for	06252865.8	12/09/2009		06/02/2026	Granted
Performanc	1		dyeing textiles			60200601		
e						0939.3		
Chemicals								
LLC Vertellus	Ama0175	India	Method for	1337/del/200	06/14/2011	248070	06/05/2026	Granted
Performanc	Ama01/3	India	dyeing textiles	6	00/14/2011	248070	06/03/2026	Granted
e	1		dyeing textnes	V				
Chemicals								
LLC								
Vertellus	Ama0175	Italy	Method for	06252865.8	12/09/2009	1734172	06/02/2026	Granted
Performanc	1		dyeing textiles			4		
e								
Chemicals								
LLC Vertellus	Ama0175	Mexico	Method for	2006006824	07/09/2008	258643	06/15/2026	Granted
Performanc	1 Amao173	MEXICO	dyeing textiles	2000000624	07/09/2008	238043	00/13/2020	Gramed
e	, E		dyeing textines					
Chemicals								
LLC			-					
Vertellus	Ama0175	Taiwan	Method for	95119858	12/11/2009	318262	06/05/2026	Granted
Performanc	1		dyeing textiles					
(Charminala								
Chemicals LLC								
Vertellus	Ama0175	Turkey	Method for	06252865.8	12/09/2009	1734172	06/02/2026	Granted
Performanc	1	, and	dyeing textiles	0020200000	12,00,200	1,3,12,	00,02,2020	Grantoa
e								
Chemicals								
LLC								
Vertellus	Ama0175	United	Method for	06252865.8	12/09/2009	1734172	06/02/2026	Granted
Performanc	1	kingdom	dyeing textiles					
e Chemicals								
LLC								
Vertellus	Ama0175	United	Method for	11/454052	04/10/2007	7201780	06/14/2026	Granted
Performanc	1	States of	dyeing textiles					
е		America						
Chemicals								
LLC Vertellus	Ama0180	Australia	Method for	2007200601	-	20072006	02/12/2027	Granted
Vertellus Performanc	8 Amau 180	Austrana	generation of	2007200001		01	02/12/2027	Granted
e	U		hydrogen gas			01		
Chemicals			from					
LLC			borohydride					
Vertellus	Ama0180	Canada	Method for	2576588		2576588	02/02/2027	Granted
Performanc	8		generation of					
e			hydrogen gas					
Chemicals			from					
Vertellus	Ama0180	Finland	borohydride Method for	07250576.1	1820775	1820775	02/13/2027	Granted
Verteilus Performanc	8 Ama0180	rmiand	generation of	01230370.1	1040/73	1020/73	02/13/2027	Chamed
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e Chemicals			hydrogen gas from					
LLC			1					
	A 0100	TC	borohydride	07050576 1	1000777	1020775	00/10/0007	
Vertellus	Ama0180	France	Method for	07250576.1	1820775	1820775	02/13/2027	Granted
Performanc	8		generation of					
e			hydrogen gas					
Chemicals			from					
LLC			borohydride					
Vertellus	Ama0180	Germany	Method for	07250576.1	1820775		02/13/2027	Granted
Performanc	8		generation of			60200700		
е			hydrogen gas			4008.6		
Chemicals			from					
LLC			borohydride					
Vertellus	Ama0180	India	Method for	268/del/2007		250666	02/09/2027	Granted
Performanc	8		generation of					
е			hydrogen gas					
Chemicals			from					
LLC			borohydride					
Vertellus	Ama0180	Italy	Method for	07250576.1	1820775	1820775	02/13/2027	Granted
Performanc	8	ittiy	generation of	07230370.1	1020/13	1020113	02/13/2021	Cianto
e	9		hydrogen gas					
Chemicals			from					
LLC			i					
	A 0100	T	borohydride	2007021167	2007220121	1666500	02/17/2027	G 1
Vertellus	Ama0180	Japan	Method for	2007034467	2007238431	4666528	02/15/2027	Granted
Performanc	8		generation of					
e			hydrogen gas					
Chemicals			from					
LLC			borohydride	ļ				ļ
Vertellus	Ama0180	South Korea	Method for	20070012461		853408	02/07/2027	Granted
Performanc	8		generation of					
е			hydrogen gas					
Chemicals			from					
LLC			borohydride					
Vertellus	Ama0180	United	Method for	07250576.1	1820775	1820775	02/13/2027	Granted
Performanc	8	Kingdom	generation of					
е			hydrogen gas					
Chemicals			from					
LLC			borobydride					
Vertellus	Ama0180	Canada	Borohydride	2576585		2576585	02/02/2027	Granted
Performanc	9		fuel formulation					
е	_					***************************************		
Chemicals								
LLC								
Vertellus	Ama0180	China	Borohydride	20071000638	101024486	20071000	02/02/2027	Granted
Performanc	9	Carrie	fuel formulation	0.x	101027700	6380.x	024 024 2021	Sidilika
e			zosi iominamon	J.7X		0500.A		
Chemicals								
LLC								
Vertellus	Ama0180	India	Borohydride	267/del/2007		245822	02/09/2027	Granted
Performanc	9	iimia		207/dci/2007		243022	02/03/202/	Granicu
	7		fuel formulation			***************************************		
6 Chamicala								
Chemicals								
LLC			T. 1 1 1 1	2007021162	2007217275	1.000535	00/15/0005	
Vertellus Performanc	Ama0180 9	Japan	Borohydride fuel formulation	2007034463	2007217275	4666527	02/15/2027	Granted
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e Chemicals LLC								
Vertellus Performanc e Chemicals LLC	Ama0182 1	Canada	Preparation of borohydride salts	2587802		2587802	05/07/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	Finland	Preparation of borohydride salts	07251870.7	1857410	1857410	05/04/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	France	Preparation of borohydride salts	07251870.7	1857410	1857410	05/04/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	Germany	Preparation of borohydride salts	07251870.7	1857410	60200700 1830.7	05/04/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	India	Preparation of borohydride salts	1006/del/200 7			05/09/2027	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0182	Ireland	Preparation of borohydride salts	07251870.7	1857410	1857410	05/04/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	Israel	Preparation of borohydride salts	182984		182984	05/03/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182 1	Italy	Preparation of borohydride salts	07251870.7	1857410	1857410	05/04/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	Japan	Preparation of borohydride salts	2007121480	2007308363	4620078	05/02/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0182	South Korea	Preparation of borohydride salts	10-2009- 0030422	10-2009- 0045164	10- 0969270	05/15/2027	Granted
Vertellus Performanc e	Ama0182	United Kingdom	Preparation of borohydride salts	07251870.7	1857410	1857410	05/04/2027	Granted

Chemicals								
LLC Vertellus Performanc e Chemicals LLC	Ama0183 3	Canada	Stable high- temperature borohydride formulation	2592655		2592655	06/21/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	China	Stable high- temperature borohydride formulation	20071012802 1.1	101100286	20071012 8021.1	06/21/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	France	Stable high- temperature borohydride formulation	07252555.3	1876141	1876141	06/22/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	Germany	Stable high- temperature borohydride formulation	07252555.3	1876141	60200701 0867.5	06/22/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	India	Stable high- temperature borohydride formulation	1335/del/200 7			06/21/2027	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0183	Italy	Stable high- temperature borohydride formulation	07252555.3	1876141	1876141	06/22/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	Japan	Stable high- temperature borohydride formulation	2007-163520	2008-13431	4883794	06/21/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	South Korea	Stable high- temperature borohydride formulation	10-2009- 0040179	10-2009- 0051152	1113732	06/28/2027	Granted
Vertellus Performanc e Chemicals LLC	Ama0183	South Korea	Stable high- temperature borohydride formulation	2007- 0064111			06/28/2027	Filing: (Rejected)
Vertellus Performanc e Chemicals LLC	Ama0183	United Kingdom	Stable high- temperature borohydride formulation	07252555.3	1876141	1876141	06/22/2027	Granted
Vertellus Performanc e Chemicals	Ama0183	United States of America	Stable high- temperature borobydride formulation	11/823555	2008- 0009575	7648644	07/18/2028	Granted

LLC		T		T	[T	1	
Vertellus Performanc e Chemicals LLC	Ama0184 3	Brazil	Method for leaching and brightening kaolin clay and other minerals.	07035144			08/20/2027	Filing
Vertellus Performanc e Chemicals LLC	Ama0191 7	Canada	Composition for hydrogen generation	2631097		2631097	05/13/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0191 7	China	Composition for hydrogen generation	20081012590 9.4	101318621	20081012 5909.4	06/04/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0191 7	European Procedure (patents)	Composition for hydrogen generation	08251895.2	2016999		05/30/2028	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0191 7	India	Composition for hydrogen generation	1283/del/200 8			05/27/2028	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0191 7	Japan	Composition for hydrogen generation	2011-193171	2012-020930	5374556	05/09/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0191 7	Japan	Composition for hydrogen generation	2008123393	2008308399	4836990	05/09/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0191 7	South Korea	Composition for hydrogen generation	20080052482		10- 0974918	06/04/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0191 7	United States of America	Composition for hydrogen generation	12/156687	2008- 0305035	8048401	07/25/2030	Granted
Vertellus Performanc e Chemicals LLC	Ama0192 7	Canada	Preparation of a hydrogen source for fuel cells	2634848		2634848	06/11/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0192 7	France	Preparation of a hydrogen source for fuel cells	08160973.7	2019083	2019083	07/23/2028	Granted

Vertellus Performanc e Chemicals LLC	Ama0192 7	Germany	Preparation of a hydrogen source for fuel cells	08160973.7	2019083	60200801 0217.3	07/23/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0192 7	India	Preparation of a hydrogen source for fuel cells	1505/del/200 8			06/24/2028	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0192 7	Italy	Preparation of a hydrogen source for fuel cells	08160973.7	2019083	2019083	07/23/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0192 7	United Kingdom	Preparation of a hydrogen source for fuel cells	08160973.7	2019083	2019083	07/23/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0194 8	Canada	Preparation of mnb12h12	2639790		2639790	09/24/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0194 8	France	Preparation of mnb12h12	08166735.4	2062856	2062856	10/16/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0194 8	Germany	Preparation of mnb12h12	08166735.4	2062856	60200800 5536.1- 08	10/16/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0194 8	India	Preparation of mnb12h12	2249/del/200 8			09/25/2028	Publication of application
Vertellus Performanc e Chemicals LLC	Ama0194 8	Italy	Preparation of mnb12h12	08166735.4	2062856	2062856	10/16/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0194 8	South Korea	Preparation of mnb12h12	20080106869		10- 0989392	10/30/2028	Granted
Vertellus Performanc e Chemicals LLC	Ama0194 8	United Kingdom	Preparation of mnb12h12	08166735.4	2062856	2062856	10/16/2028	Granted
Vertellus	Ama0194	United	Preparation of	12/290759	2009-	7563934	11/03/2028	Granted

Performanc	8	States of	mnb12h12			0118526			T
e Chemicals		America				3113320			
LLC									
Vertellus Performanc e Chemicals	Ama0197 7	Canada	Process for production of borohydride compound	a	2650175		2650175	01/19/2029	Granted
LLC Vertellus	Ama0197	China	Process for		20091012641	101519187	10151918	02/25/2029	Granted
Performanc e Chemicals LLC	7	Cinna	production of borohydride compound	a	6.7	101319107	7	(UL) 231 2027	Graneu
Vertellus Performanc e Chemicals LLC	Ama0197 7	France	Process for production of borohydride compound	a	091512244	2098479	2098479	01/23/2029	Granted
Vertellus Performanc e Chemicals LLC	Ama0197 7	Germany	Process for production of borohydride compound	`a	091512244	2098479	60200900 8145.4	01/23/2029	Granted
Vertellus Performanc e Chemicals LLC	Ama0197 7	India	Process for production of borohydride compound	ā	118/del/2009			01/22/2029	Filing
Vertellus Performanc e Chemicals LLC	Ama0197 7	Italy	Process for production of borohydride compound	a	091512244	2098479	2098479	01/23/2029	Granted
Vertellus Performanc e Chemicals LLC	Ama0197 7	Japan	Process for production of borohydride compound	i a	2009-006758	2009-256180	4965589	01/15/2029	Granted
Vertellus Performanc e Chemicals LLC	Ama0197 7	South Korea	Process for production of borohydride compound	a	2009- 0006678		1091730	01/28/2029	Granted
Vertellus Performan ce Chemicals LLC	Ama01977	United Kingdom	Process for production of a borohydride compound	091	512244	2098479	2098479	01/23/202 9	Granted
Vertellus Performan ce Chemicals LLC	Ama01977	United States of America	Process for production of a borohydride compound	12/3	322567	2009-0214409	8377405	01/06/203	Granted
Vertellus Performan	Ama02030	Canada	Method for generation	268	4857		2684857	11/09/202 9	Granted

ce			of					
Chemicals LLC			hydrogen gas					
Vertellus Performan ce Chemicals LLC	Ama02030	China	Method for generation of hydrogen gas	200910258540.9	101746722		12/09/202 9	Publication of application
Vertellus Performan ce Chemicals LLC	Ama02030	European Procedure (patents)	Method for generation of hydrogen gas	09176249.2	2196433		11/17/202 9	Publication of application
Vertellus Performan ce Chemicals LLC	Ama02030	India	Method for generation of hydrogen gas	2350/del/2009			11/16/202 9	Publication of application
Vertellus Performan ce Chemicals LLC	Ama02030	Japan	Method for generation of hydrogen gas	2009253864	2010-138062	5150604	11/05/202 9	Granted
Vertellus Performan ce Chemicals LLC	Ama02030	South Korea	Method for generation of hydrogen gas	2009-0114364		1132678	11/25/202 9	Granted
Vertellus Performan ce Chemicals LLC	Ama02030	United States of America	Method for generation of hydrogen gas	12/592824	2010-0143240		12/03/202 9	Publication of application
Vertellus Performan ce Chemicals LLC	72354	Canada	Method for reducing color in used lubricating oil	2861059				Filing
Vertellus Performan ce Chemicals LLC	72354	China	Method for reducing color in used lubricating oil	201380004774.5	104039942			Publication of application
Vertellus Performan ce Chemicals LLC	72354	European Procedure (patents)	Method for reducing color in used lubricating oil	13703936.8	2791299			Publication of application
Vertellus	72354	India	Method	4750/DELNP/201	<u> </u>		1	Filing

Performan ce Chemicals LLC			for reducing color in used lubricating oil	4		
Vertellus Performan ce Chemicals LLC	72354	Japan	Method for reducing color in used lubricating oil	PCT/US13/022361		Filing
Vertellus Performan ce Chemicals LLC	72354	South Korea	Method for reducing color in used lubricating oil	10-2014-7022620		Filing
Vertellus Performan ce Chemicals LLC	72354	United States	Method for reducing color in used lubricating oil	14/372459	2014-0357538	Publication of application
Vertellus Performan ce Chemicals LLC	72354	United States	Method for reducing color in used lubricating oil	61/591407		Filing
Vertellus Performan ce Chemicals LLC	72354	International Procedure	Method for reducing color in used lubricating oil	PCT/US13/022361	WO/2013/11239 5	Publication of application

Patents Owned jointly by Vertellus Performance Chemicals LLC and Air Products & Chemicals, Inc.:

Family Case Reference	Country	Title	Application Number	Publication Number	Grant Number	Expiratio n Date	Curren t Status
AMA0202 8	Canada	Synthesis of Amine Boranes	2682895		2682895		Filing

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AMA0202	China	Synthesis	200910225625.	101735253	200910225625.7	Granted
8		of Amine Boranes	7	A		
AMA0202 8	Germany	Synthesis of Amine Boranes	09156621.6	2189463	602009007980. 8	Granted
AMA0202 8	Procedur e (patents)	Synthesis of Amine Boranes	09156621.6	2189463	2189463	Granted
AMA0202 8	France	Synthesis of Amine Boranes	09156621.6	2189463	2189463	Granted
AMA0202 8	Japan	Synthesis of Amine Boranes	2009237238	2010- 126534	5231372	Granted
AMA0202 8	South Korea	Synthesis of Amine Boranes	20090109239		10-1046281	Granted
AMA0202 8	Taiwan	Synthesis of Amine Boranes	98135719	201020260	1405766	Granted
AMA0202 8	United Kingdom	Synthesis of Amine Boranes	09156621.6	2189463	2189463	Granted
AMA0202 8	United States of America	Synthesis of Amine Boranes	12/592180	2010- 0130780	8039666	Granted
AMA0202 8	United States of America	Synthesis of Amine Boranes	61/200218			Filing

SCHEDULE B

Trademarks

Owner	Trademark	Country	Stat us	App. No.	Filin g Date	Reg. No.	Re g. Dat e	Next Rene wal
Vertellus Performa nce Chemical s LLC	ACUBRIGHT	Brazil	REG	825330785	25- Feb- 200 3	825330785	04- Mar - 200 8	04- Mar- 2018
Vertellus Performa nce Chemical s LLC	ACUBRIGHT	Europea n Commun ity	REG	002892420	16- Oct- 200 2	002892420	29- Apr - 200 4	16- Oct- 2022
Vertellus Performa nce Chemical s LLC	ACUBRIGHT	Mexico	REG	571224	17- Oct- 200 2	780247	25- Feb - 200 3	17- Oct- 2022
Vertellus Performa nce Chemical s LLC	ACUBRIGHT	Switzerla nd	REG	08959	17- Oct- 200 2	P506068	19- Dec - 200 2	17- Oct- 2022
Vertellus Performa nce Chemical s LLC	ACUBRIGHT	United States	REG	78174347	15- Oct- 200 2	2940688	12- Apr - 200 5	12- Apr- 2015
Vertellus Performa nce Chemical s LLC	BOROL	Austria	REG	AM159785	22- May - 198 5	110522	09- Oct - 198 5	09- Oct- 2015
Vertellus Performa nce Chemical s LLC	BOROL	Benelux	REG	0053546	17- May - 198 5	0408816	17- May - 198 5	17- May- 2015
Vertellus Performa nce Chemical s LLC	BOROL	Brazil	REG	812205774	30- Sep- 198 5	812205774	31- Oct - 198 9	31- Oct- 2019
Vertellus Performa nce Chemical s LLC	BOROL	Canada	REG	375953	05- Jun- 197 4	TMA215110	30- Jul- 197 6	30-Jul- 2021
Vertellus	BOROL	Europea	REG	012252243	24-	012252243	19-	24-

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Owner	Trademark	Country	Stat us	App. No.	Filin g Date	Reg. No.	Re g. Dat e	Next Rene wal
Performa nce Chemical s LLC		n Commun ity			Oct- 201 3		Mar - 201 4	Oct- 2023
Vertellus Performa nce Chemical s LLC	BOROL	Finland	REG	T197402522	29- May - 197 4	78286	05- Aug - 198 1	05- Aug- 2021
Vertellus Performa nce Chemical s LLC	BOROL	Germany	REG	M566371WZ	24- May - 198 5	1119377	15- Mar - 198 8	24- May- 2015
Vertellus Performa nce Chemical s LLC	BOROL	Japan	REG	766651982	30- Aug- 198 2	1686239	29- May - 198 4	29- May- 2024
Vertellus Performa nce Chemical s LLC	BOROL	Mexico	REG	189020	26- Jan- 199 4	473306	13- Sep - 199 4	26- Jan- 2024
Vertellus Performa nce Chemical s LLC	BOROL	Norway	REG	851870	20- May - 198 5	136167	20- Apr - 198 9	20- Apr- 2019
Vertellus Performa nce Chemical s LLC	BOROL	Russian Federati on	REG	068805	13- Jun- 197 4	56180	05-	13- Jun- 2024
Vertellus Performa nce Chemical s LLC	BOROL	South Africa	REG	3528	20- May - 198 5	198503528	10- Dec - 198 6	20- May- 2015
Vertellus Performa nce Chemical s LLC	BOROL	Sweden	REG	7402599	28- May - 197 4	157785	23- Dec - 197 6	23- Dec- 2016
Vertellus Performa nce Chemical s LLC	BOROL	United States	REG	72228381	22- Sep- 196 5	0811200	19- Jul- 196 6	19-Jul- 2016
Vertellus Performa nce	BOROL	United States	REG	75733187	11- Jun- 199	2351816	23- May -	23- May- 2020

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Chemical s LLC					9		200 0	
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Australia	REG	880421	26- Jun- 200 1	880421	20- Mar - 200 2	26- Jun- 2021
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Brazil	PUB	826997678	19- Oct- 200 4			
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Canada	REG	1512769	26- Jan- 201 1	TMA832961	27- Sep - 201 2	27- Sep- 2027
Vertellus Performa nce Chemical s LLC	CHROMACLE AR & CH (YI- PIAO)	China	APP	13459185	31- Oct- 201 3			
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Colombi a	REG	01055034	09- Jul- 200 1	248885	14- Feb - 200 2	14- Feb- 2022
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Europea n Commun ity	REG	002275014	26- June - 200 1	002275014	26- Feb - 200 3	26- Jun- 2021
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Japan	REG	2001060161	02- Jul- 200 1	4621558	15- Nov - 200 2	15- Nov- 2022
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Malaysia	REG	04015899	15- Oct- 200 4	04015899	05- Sep - 200 8	15- Oct- 2024
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Mexico	REG	493373	29- Jun- 200 1	711929	28- Aug - 200 1	29- Jun- 2021
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	New Zealand	REG	640320	26- Jun- 200 1	640320	13- May - 200 2	26- Jun- 2018

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Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Norway	REG	200108074	29- Jun- 200	213622	14- Mar - 200 2	14- Mar- 2022
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Peru	REG	130692	28- Jun- 200 1	74874	13- Sep - 200 1	13- Sep- 2021
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	South Africa	REG	2001010973	26- Jun- 200 1	200110973	31- Mar - 200 6	26- Jun- 2021
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Switzerla nd	REG	070312001	12- Jul- 200 1	493397	03- Jan - 200 2	12-Jul- 2021
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Taiwan	REG	102065592	22- Nov- 201 3	01639142	1- May - 201 4	30- Apr- 2024
Vertellus Performa nce Chemical s LLC	CHROMACLE AR IN CH (YI- PIAO)	Taiwan	REG	102065593	22- Nov- 201 3	01639143	1- May - 201 4	30- Apr- 2024
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	Thailand	REG	572933	17- Nov- 200 4	KOR265020	23- Jul- 200 7	17- Nov- 2024
Vertellus Performa nce Chemical s LLC	CHROMACLE AR	United States	REG	78070378	21- Jun- 200	2744961	29- Jul- 200 3	29-Jul- 2023
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Canada	REG	1106172	11- Jun- 200	TMA578460	27- Mar - 200 3	27- Mar- 2018
Vertellus Performa nce Chemical s LLC	COLORCLEA R	China	REG	2001104818	18- Jun- 200 1	1901432	21- Oct - 200 2	21- Oct- 2022
Vertellus Performa	COLORCLEA R IN CH	China	APP	13633509	27- Nov-			

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nce Chemical s LLC	(HUAN-YUAN- WEN)				201 3			
Vertellus Performa nce Chemical s LLC	COLORCLEA R IN CH (KAI- LING)	China	REG	5163067	17- Feb- 200 6	5163067	14- Jun - 200 9	14- Jun- 2019
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Europea n Commun ity	REG	002253334	11- Jun- 200 1	002253334	30- Jul- 200 2	11- Jun- 2021
Vertellus Performa nce Chemical s LLC	COLORCLEA R WITH CH (HUAN-YUAN- WEN) (SERIES OF TWO)	Hong Kong	REG	302825686	04- Dec- 201 3	302825686	10- Jun - 201 4	03- Dec- 2023
Vertellus Performa nce Chemical s LLC	COLORCLEA R	India	REG	1016526	13- Jun- 200 1	1016526	15- Mar - 200 5	13- Jun- 2021
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Indonesi a	REG	D0020010124451 2518	13- Jun- 200 1	IDM000309 339	13- Jun - 200 1	13- Jun- 2021
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Malaysia	REG	200107312	14- Jun- 200 1	01007312	14- Jun - 200 1	14- Jun- 2021
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Mexico	REG	554983	04- Jul- 200 2	756744	29- Jul- 200 2	04-Jul- 2022
Vertellus Performa nce Chemical s LLC	COLORCLEA R	New Zealand	REG	639412	11- Jun- 200 1	639412	17- Dec - 200 1	11- Jun- 2018
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Singapor e	REG	T0108512H	13- Jun- 200 1	T0108512H	13- Jun - 200 1	13- Jun- 2021
Vertellus Performa nce	COLORCLEA R	Taiwan	REG	90023718	12- Jun- 200	01008811	01- Aug -	01- Aug- 2022

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Chemical s LLC					1		200 2	
Vertellus Performa nce Chemical s LLC	COLORCLEA R IN CH (HUAN-YUAN- WEN)	Taiwan	APP	102065594	22- Nov- 201 3			
Vertellus Performa nce Chemical s LLC	COLORCLEA R	United States	REG	75734293	21- Jun- 199 9	2502672	30- Oct - 200 1	30- Oct- 2021
Vertellus Performa nce Chemical s LLC	COLORCLEA R	Vietnam	REG	4200102914	29- Jun- 200 1	42449	30- Jul- 200 2	29- Jun- 2021
Vertellus Performa nce Chemical s LLC	SB200	India	REG	1835852	02- Jul- 200 9	1835852	01- Mar - 201	02-Jul- 2019
Vertellus Performa nce Chemical s LLC	VENMET	Canada	REG	603393	22- Mar- 198 8	352407	24- Feb - 198 9	24- Feb- 2019
Vertellus Performa nce Chemical s LLC	VENMET	China	REG	5128586	19- Jan- 200 6	5128586	28- May - 200 9	27- May- 2019
Vertellus Performa nce Chemical s LLC	VENMET IN CH (WAN- MEI)	China	REG	5128585	19- Jan- 200 6	5128585	28- May - 200 9	27- May- 2019
Vertellus Performa nce Chemical s LLC	VENMET	Europea n Commun ity	REG	000058164	01- Apr- 199 6	000058164	25- May - 199 8	01- Apr- 2016
Vertellus Performa nce Chemical s LLC	VENMET	Norway	REG	932041	28- Apr- 199 3	163151	09- Jun - 199 4	09- Jun- 2024
Vertellus Performa nce Chemical s LLC	VENMET	United States	REG	73601686	02- Jun- 198 6	1436979	21- Apr - 198 7	21- Apr- 2017

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Vertellus Performa nce Chemical s LLC	VENPURE	Brazil	REG	821807994	13- Jul- 199 9	821807994	26- Aug - 200 3	26- Aug- 2023
Vertellus Performa nce Chemical s LLC	VENPURE	Canada	REG	599388	22- Jan- 198 8	351049	10- Feb - 198 9	10- Feb- 2019
Vertellus Performa nce Chemical s LLC	VENPURE	China	REG	23961	02- Mar- 199 8	1295046	21- Jul- 199 9	20-Jul- 2019
Vertellus Performa nce Chemical s LLC	VENPURE IN CH (WAN- CHUN)	China	REG	5128584	19- Jan- 200 6	5128584	28- May - 200 9	27- May- 2019
Vertellus Performa nce Chemical s LLC	VENPURE	Europea n Commun ity	REG	000756437	25- Feb- 199 8	000756437	25- Nov - 199 9	25- Feb- 2018
Vertellus Performa nce Chemical s LLC	VENPURE	Europea n Commun ity	REG	000058099	01- Apr- 199 6	000058099	14- Apr - 199 8	01- Apr- 2016
Vertellus Performa nce Chemical s LLC	VENPURE	Japan	REG	34318	24- Apr- 199 8	4278424	28- May - 199 9	28- May- 2019
Vertellus Performa nce Chemical s LLC	VENPURE	Lithuania	REG	ZP4560	23- Feb- 199 3	21542	10- Oct - 199 5	23- Feb- 2023
Vertellus Performa nce Chemical s LLC	VENPURE	Norway	REG	931957	23- Apr- 199 3	166029	22- Dec - 199 4	22- Dec- 2024
Vertellus Performa nce Chemical s LLC	VENPURE	Switzerla nd	REG	662419938	23- Apr- 199 3	2P411548	23- Apr - 199 3	23- Apr- 2023
Vertellus Performa	VENPURE	United States	REG	73601988	02- Jun-	1431651	10- Mar	10- Mar-

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nce Chemical s LLC					198 6		- 198 7	2017
Rohm and Haas Chemical s LLC	ALKADRIDE	Europea n Commun ity	REG	000057984	01- Apr- 199 6	000057984	25- May - 199 8	01- Apr- 2016
Rohm and Haas Chemical s LLC	ALKADRIDE	Norway	REG	19933121	30- Jun- 199 3	167350	23- Mar - 199 5	23- Mar- 2015
Rohm and Haas Company	BOROFUEL	China	REG	6369167	09- Nov- 200 7	6369167	28- Apr - 201 0	28- Apr- 2020
Rohm and Haas Company	BOROFUEL	Europea n Commun ity	REG	006473938	29- Nov- 200 7	006473938	30- Oct - 200 8	29- Nov- 2017
Rohm and Haas Company	BOROFUEL	Japan	REG	2007113496	08- Nov- 200 7	5135274	16-	16- May- 2018
Rohm and Haas Company	BOROFUEL	Korea, South	REG	20070056722	05- Nov- 200 7	400757824	20- Aug - 200 8	20- Aug- 2018
Rohm and Haas Company	BOROFUEL	Taiwan	REG	096052187	06- Nov- 200 7	01322909	16- Aug - 200 8	16- Aug- 2018
Rohm and Haas Company	BOROFUEL	United States	REG	77319760	02- Nov- 200 7	3850450	21- Sep - 201 0	21- Sep- 2020
Rohm and Haas Chemical s LLC	COLORSTRIP	Canada	REG	1106173	11- Jun- 200 1	TMA578147	25- Mar - 200 3	25- Mar- 2018
Rohm and Haas Chemical	HYDRITEX	Pakistan	REG	40502	04- Dec- 196 3	40502	04- Dec - 196	04- Dec- 2015

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Rohm and Haas Chemical s LLC	MOR-CARE	Europea n Commun ity	REG	000692327	28- Nov- 199 7	000692327	27- May - 199 9	28- Nov- 2017
Rohm and Haas Company	SB100	India	REG	1835851	02- Jul- 200 9	1835851	01- Mar - 201	02-Jul- 2019

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