HYDROGENICS CORP Form SC 13G/A February 02, 2017

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 2)*

HYDROGENICS CORPORATION

(Name of Issuer)

Common Stock

(Title of Class of Securities)

448883207

(CUSIP Number)

December 31, 2016

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which

would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No.: 448883207

- 1 NAMES OF REPORTING PERSONS **HEARTLAND ADVISORS, INC.**
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
 - (a)
 - (b)
- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION WISCONSIN, U.S.A.

NUMBER OF	5	SOLE VOTING POWER
SHARES BENEFICIALLY	6	0 SHARED VOTING POWER
OWNED BY EACH	7	1,015,000 SOLE DISPOSITIVE POWER
REPORTING PERSON WITH	8	0 SHARED DISPOSITIVE POWER 1 015 000

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,015,000

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 8.1%
- 12 TYPE OF REPORTING PERSON

IA

CUSIP No.: 448883207

- 1 NAMES OF REPORTING PERSONS William J. Nasgovitz
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
 - (a)
 - (b)
- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION U.S.A.

NUMBER OF	5 SOLE VOTING POWER		
SHARES		0	
	6	SHARED VOTING POWER	
BENEFICIALLY	-	1,015,000	
OWNED BY	7	SOLE DISPOSITIVE POWER	
EACH	•	0	
REPORTING	8	SHARED DISPOSITIVE POWER	
PERSON WITH	ð		
		1,015,000	

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,015,000

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 8.1%
- 12 TYPE OF REPORTING PERSON IN

Item 1. (a)	Name of Issuer:						
	HYDROGENICS CORPORATION						
(b)	Address of Issuer s Principal Executive Offices:						
	220 Admiral Boulevard						
Item 2.	Mississauga, Ontario L5T 2N6						
(a)	Name of Persons Filing:						
	(1)						
	Heartland Advisors, Inc.						
	(2)						
	William J. Nasgovitz						
(b)	Address of Principal Business Office:						
	All reporting persons may be contacted at:						
	789 North Water Street						
	Milwaukee, WI 53202						
(c)	Citizenship:						
	Heartland Advisors, Inc. is a Wisconsin corporation. William J. Nasgovitz is a United States citizen.						
(d)	Title of Class of Securities:						
	Common Stock						
(e)	CUSIP Number:						
	44883207						

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a(n):

(a)		Broker or dealer registered under Section 15 of the Act;
(b)		Bank as defined in Section 3(a)(6) of the Act;
(c)		Insurance company as defined in Section 3(a)(19) of the Act;
(d)		Investment company registered under Section 8 of the Investment Company Act;
(e)	X	*Investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
(f)		Employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
(g)	X	*Parent holding company or control person in accordance with Rule $13d-1(b)(1)(ii)(G)$;
(h)		Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
(i)		Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
(j)		A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J); or
(k)		Group, in accordance with § 240.13d-1(b))1)(ii)(K). *The persons filing this Schedule 13G are Heartland Advisors, Inc., an investment adviser registered with the SEC, and William J. Nasgovitz, Chairman and control person of Heartland Advisors, Inc. The reporting persons do not admit that they constitute a group.

Item 4. Ownership

(a) Amount beneficially owned:

1,015,000 shares may be deemed beneficially owned within the meaning of Rule 13d-3 of the Act by (1) Heartland Advisors, Inc. by virtue of its investment discretion and voting authority granted by certain clients, which may be revoked at any time; and (2) William J. Nasgovitz by virtue of his control of Heartland Advisors, Inc.

Mr. Nasgovitz disclaims beneficial ownership of any shares reported on the Schedule.

(b) Percent of Class: 8.1%

For information on voting and dispositive power with respect to the above listed shares, see Items 5-9 on the

(c)

Cover Pages.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

The clients of Heartland Advisors, Inc., a registered investment adviser, including an investment company registered under the Investment Company Act of 1940 and other managed accounts, have the right to receive or the power to direct the receipt of dividends and proceeds from the sale of shares included on this Schedule. The Heartland Value Fund, a series of Heartland Group, Inc., a registered investment company, owns 1,015,000 shares or 8.1% of the class of securities reported herein. Any remaining shares disclosed in this filing are owned by various other accounts managed by Heartland Advisors, Inc. on a discretionary basis. To the best of Heartland Advisors' knowledge, none of the other accounts owns more than 5% of the outstanding stock.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

By signing below, the undersigned certify that, to the best of their knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Date: February 2, 2017

WILLIAM J. NASGOVITZ

By: /s/ VINITA K. PAUL Vinita K. Paul As Attorney in Fact for William J. Nasgovitz HEARTLAND ADVISORS, INC.

By: /s/ VINITA K. PAUL Vinita K. Paul Vice President, General Counsel and Assistant Secretary

EXHIBIT INDEX

Exhibit 1

Joint Filing Agreement

EXHIBIT 1 JOINT FILING AGREEMENT

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, each of the undersigned hereby agrees to the joint filing with the other reporting person of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock, \$0.01 par value, of HYDROGENICS CORPORATION and that this Agreement be included as an Exhibit to such joint filing.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement this 2nd day of February, 2017.

WILLIAM J. NASGOVITZ

By: /s/ VINITA K. PAUL Vinita K. Paul As Attorney in Fact for William J. Nasgovitz HEARTLAND ADVISORS, INC.

By: /s/ VINITA K. PAUL Vinita K. Paul Vice President, General Counsel and Assistant Secretary