

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. ___)*

(Name of Issuer) Pentair Plc

(Title of Class of Securities) Common Stock

(CUSIP Number) G7S00T104

(Date of Event which Requires Filing of this Statement) December 31, 2022

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 persons 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).

SCHEDULE 13G
CUSIP No. G7S00T104

1
Names of Reporting Persons
Impax Asset Management Group plc

2
Check the appropriate box if a member of a Group (see instructions)

(a)
(b)

3
Sec Use Only

4
Citizenship or Place of Organization
United Kingdom

Number of
Shares
Beneficially
Owned by Each
Reporting Person
With:

5
Sole Voting Power: 11,854,729

6
Shared Voting Power: 0

Sole Dispositive Power: 11,854,729

8

Shared Dispositive Power: 0

9

Aggregate Amount Beneficially Owned by Each Reporting Person 11,854,729

10

Check box if the aggregate amount in row (9) excludes certain shares (See* Instructions)

[]

11

Percent of class represented by amount in row (9) 7.21%

12

Type of Reporting Person (See Instructions) HC

SCHEDULE 13G

CUSIP No. G7S00T104

1

Names of Reporting Persons
Impax Asset Management Limited

2

Check the appropriate box if a member of a Group (see instructions)

(a)

(b)

3

Sec Use Only

4

Citizenship or Place of Organization
United Kingdom

Number of
Shares
Beneficially
Owned by Each
Reporting Person
With:

5

Sole Voting Power: 10,853,593

6

Shared Voting Power: 0

7

Sole Dispositive Power: 10,853,593

8

Shared Dispositive Power: 0

9

Aggregate Amount Beneficially Owned by Each Reporting Person 10,853,593

10

Check box if the aggregate amount in row (9) excludes certain shares (See* Instructions)

[]
11
Percent of class represented by amount in row (9) 6.60%

12
Type of Reporting Person (See Instructions) IA

SCHEDULE 13G
CUSIP No. G7S00T104

1
Names of Reporting Persons
Impax Asset Management AIFM Limited

2
Check the appropriate box if a member of a Group (see instructions)

(a)
(b)

3
Sec Use Only

4
Citizenship or Place of Organization
United Kingdom

Number of
Shares
Beneficially
Owned by Each
Reporting Person
With:

5
Sole Voting Power: 985,880

6
Shared Voting Power: 0

7
Sole Dispositive Power: 985,880

8
Shared Dispositive Power: 0

9
Aggregate Amount Beneficially Owned by Each Reporting Person: 985,880

10
Check box if the aggregate amount in row (9) excludes certain shares (See*
Instructions)

[]
11
Percent of class represented by amount in row (9) 0.60%

12
Type of Reporting Person (See Instructions) IA

SCHEDULE 13G
CUSIP No. G7S00T104

1
Names of Reporting Persons
Impax Asset Management LLC

2

Check the appropriate box if a member of a Group (see instructions)

(a)

(b)

3

Sec Use Only

4

Citizenship or Place of Organization

United States

Number of

Shares

Beneficially

Owned by Each

Reporting Person

With:

5

Sole Voting Power: 15,256

6

Shared Voting Power: 0

7

Sole Dispositive Power: 15,256

8

Shared Dispositive Power: 0

9

Aggregate Amount Beneficially Owned by Each Reporting Person: 15,256

10

Check box if the aggregate amount in row (9) excludes certain shares (See* Instructions)

11

Percent of class represented by amount in row (9): 0.01%

12

Type of Reporting Person (See Instructions): IA

SCHEDULE 13G

CUSIP No. G7S00T104

Item 1.

(a) Name of Issuer: Pentair Plc

(b) Address of Issuers Principal Executive Offices: 43 London Wall, London,* EC2M 5TF, United Kingdom

Item 2.

(a) Name of Person Filing: Impax Asset Management Group plc

Note: Impax Asset Management Group plc (the filing entity) owns 100% of Impax Asset Management

Limited, Impax Asset Management (AIFM) Limited and Impax Asset Management LLC.

Impax Asset Management Limited, Impax Asset Management (AIFM) Limited*

and Impax Asset Management LLC (collectively Impax) are registered investment*

advisers which act as investment adviser, investment manager or sub adviser *

to funds, trusts and separate accounts. In certain cases, Impax possesses vot*

ing and/or investment power over securities owned within the funds, trust*

s and separate accounts, and would be deemed to be the beneficial owner. A*

ll of the securities reported in this schedule are owned by the funds, trust*

ts and separate accounts.

(b) Address of Principal Business Office or, if None, Residence: 7th Floor, 3*
0 Panton Street, London, SW1Y 4AJ

(c) Citizenship: United Kingdom
(d) Title and Class of Securities: Common stock, \$0.1 par value per share
(e) CUSIP No.: G7S00T104

Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (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 of 1940;
(e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
(f) An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
(g) A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
(h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;
(j) A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
(k) Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4. Ownership

- (a) Amount Beneficially Owned: 11,854,729
(b) Percent of Class: 7.21%
(c) Number of shares as to which such person has:
(i) Sole power to vote or to direct the vote: 11,854,729
(ii) Shared power to vote or to direct the vote: 0
(iii) Sole power to dispose or to direct the disposition of: 11,854,729
(iv) Shared power to dispose or to direct the disposition of: 0

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

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

Item 7. Identification and classification of the subsidiary which acquired the security being reported on

by the parent holding company or control person.

Item 8. Identification and classification of members of the group.

Item 9. Notice of Dissolution of Group.

Item 10. Certifications.

SIGNATURE

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

Dated: 02/13/2022

/s/ Signature Karen Cockburn

Name/Title Chief Financial Officer

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is

signed on behalf of a person by his authorized representative (other than an executive officer or general partner of this filing person), evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be

typed or printed beneath his signature.

Attention: Intentional misstatements or omissions of fact constitute

Federal criminal violations (See 18

U.S.C. 1001).

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