CLOROX CO /DE/ Form SC 13D/A August 30, 2011

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 5)*

The Clorox Company (Name of Issuer)

Common Stock, Par Value \$1.00 (Title of Class of Securities)

189054109 (CUSIP Number)

Keith Schaitkin, Esq.
Icahn Capital LP
767 Fifth Avenue, 47th Floor
New York, New York 10153
(212) 702-4300

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

August 30, 2011 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Section 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box / /.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

*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 disclosures provided in a prior cover page.

The information required on 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 13D

CUSIP No. 189054109

- 1 NAME OF REPORTING PERSON High River Limited Partnership
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

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(a) / /
     (b) / /
3
   SEC USE ONLY
  SOURCE OF FUNDS
    WC
  CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS
   2(d) or 2(e) / /
  CITIZENSHIP OR PLACE OF ORGANIZATION
    Delaware
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:
  SOLE VOTING POWER
    2,500,000
  SHARED VOTING POWER
    0
  SOLE DISPOSITIVE POWER
    2,500,000
10 SHARED DISPOSITIVE POWER
    Ω
11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
    2,500,000
12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES //
13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
    1.90%
14 TYPE OF REPORTING PERSON
    PN
                              SCHEDULE 13D
CUSIP No. 189054109
  NAME OF REPORTING PERSON
    Hopper Investments LLC
   CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
     (a) / /
     (b) / /
   SEC USE ONLY
   SOURCE OF FUNDS
  CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS
   2(d) or 2(e) / /
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6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 0 SHARED VOTING POWER 2,500,000 SOLE DISPOSITIVE POWER 10 SHARED DISPOSITIVE POWER 2,500,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,500,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.90% 14 TYPE OF REPORTING PERSON 00 SCHEDULE 13D CUSIP No. 189054109 1 NAME OF REPORTING PERSON Barberry Corp. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY 4 SOURCE OF FUNDS CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / 6 CITIZENSHIP OR PLACE OF ORGANIZATION NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 0 SHARED VOTING POWER

2,500,000

0

SOLE DISPOSITIVE POWER

10 SHARED DISPOSITIVE POWER 2,500,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,500,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.90% 14 TYPE OF REPORTING PERSON CO SCHEDULE 13D CUSIP No. 189054109 NAME OF REPORTING PERSON Icahn Partners Master Fund LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY SOURCE OF FUNDS WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / 6 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 4,218,874 SHARED VOTING POWER 8 0 SOLE DISPOSITIVE POWER 4,218,874 10 SHARED DISPOSITIVE POWER 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,218,874 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 3.21%

14 TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 189054109

- 1 NAME OF REPORTING PERSON

 Icahn Partners Master Fund II LP
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / /
- 3 SEC USE ONLY
- 4 SOURCE OF FUNDS WC
- 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / /
- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

- 7 SOLE VOTING POWER 1,310,424
- 8 SHARED VOTING POWER 0
- 9 SOLE DISPOSITIVE POWER 1,310,424
- 10 SHARED DISPOSITIVE POWER
- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,310,424
- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES //
- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.00%
- 14 TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 189054109

1 NAME OF REPORTING PERSON

Icahn Partners Master Fund III LP

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / 3 SEC USE ONLY SOURCE OF FUNDS CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / 6 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 637,628 SHARED VOTING POWER 8 0 9 SOLE DISPOSITIVE POWER 637**,**628 10 SHARED DISPOSITIVE POWER 0 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 637,628 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.48% 14 TYPE OF REPORTING PERSON PN SCHEDULE 13D CUSIP No. 189054109 NAME OF REPORTING PERSON Icahn Offshore LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / 3 SEC USE ONLY SOURCE OF FUNDS CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / /

6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 0 SHARED VOTING POWER 6,166,926 SOLE DISPOSITIVE POWER 0 10 SHARED DISPOSITIVE POWER 6,166,926 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,166,926 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.69% 14 TYPE OF REPORTING PERSON PN SCHEDULE 13D CUSIP No. 189054109 1 NAME OF REPORTING PERSON Icahn Partners LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY SOURCE OF FUNDS 4 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / CITIZENSHIP OR PLACE OF ORGANIZATION NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 3,833,074 8 SHARED VOTING POWER

0

9 SOLE DISPOSITIVE POWER 3,833,074 10 SHARED DISPOSITIVE POWER Ω 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,833,074 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 2.92% 14 TYPE OF REPORTING PERSON PN SCHEDULE 13D CUSIP No. 189054109 NAME OF REPORTING PERSON Icahn Onshore LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY SOURCE OF FUNDS 00 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 0 SHARED VOTING POWER 3,833,074 SOLE DISPOSITIVE POWER 0 10 SHARED DISPOSITIVE POWER 3,833,074 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,833,074 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

2.92%

14 TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 189054109

- 1 NAME OF REPORTING PERSON Icahn Capital LP
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / /
- 3 SEC USE ONLY
- 4 SOURCE OF FUNDS OO
- 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / /
- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

- 7 SOLE VOTING POWER 0
- 8 SHARED VOTING POWER 10,000,000
- 9 SOLE DISPOSITIVE POWER 0
- 10 SHARED DISPOSITIVE POWER 10,000,000
- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000,000
- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES //
- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.61%
- 14 TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 189054109

NAME OF REPORTING PERSON IPH GP LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY SOURCE OF FUNDS 00 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: SOLE VOTING POWER 0 SHARED VOTING POWER 8 10,000,000 SOLE DISPOSITIVE POWER 10 SHARED DISPOSITIVE POWER 10,000,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.61% 14 TYPE OF REPORTING PERSON 00 SCHEDULE 13D CUSIP No. 189054109 NAME OF REPORTING PERSON Icahn Enterprises Holdings L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY SOURCE OF FUNDS

00

- 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) $\ /\ /\$
- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

- 7 SOLE VOTING POWER
- 8 SHARED VOTING POWER 10,000,000
- 9 SOLE DISPOSITIVE POWER
 0
- 10 SHARED DISPOSITIVE POWER 10,000,000
- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000,000
- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES //
- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.61%
- 14 TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 189054109

- 1 NAME OF REPORTING PERSON Icahn Enterprises G.P. Inc.
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) $/\ /$
 - (b) / /
- 3 SEC USE ONLY
- 4 SOURCE OF FUNDS
- 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / /
- 6 CITIZENSHIP OR PLACE OF ORGANIZATION
 Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

- 7 SOLE VOTING POWER 0
- 8 SHARED VOTING POWER

10,000,000

- 9 SOLE DISPOSITIVE POWER 0
- 10 SHARED DISPOSITIVE POWER 10,000,000
- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000,000
- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES //
- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) $7.61\ensuremath{\$}$
- 14 TYPE OF REPORTING PERSON CO

SCHEDULE 13D

CUSIP No. 189054109

- 1 NAME OF REPORTING PERSON Beckton Corp.
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
 (a) / /
 (b) / /
- 3 SEC USE ONLY
- 4 SOURCE OF FUNDS
- 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / /
- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

- 7 SOLE VOTING POWER 0
- 8 SHARED VOTING POWER 10,000,000
- 9 SOLE DISPOSITIVE POWER 0
- 10 SHARED DISPOSITIVE POWER 10,000,000
- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000,000
- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES //

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.61% 14 TYPE OF REPORTING PERSON CO SCHEDULE 13D CUSIP No. 189054109 1 NAME OF REPORTING PERSON Carl C. Icahn CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) / / (b) / / SEC USE ONLY 3 SOURCE OF FUNDS 00 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / / CITIZENSHIP OR PLACE OF ORGANIZATION United States of America NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 7 SOLE VOTING POWER 0 8 SHARED VOTING POWER 12,500,000 SOLE DISPOSITIVE POWER 10 SHARED DISPOSITIVE POWER 12,500,000 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 12,500,000 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES // 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.51% 14 TYPE OF REPORTING PERSON TN

SCHEDULE 13D

Item 1. Security and Issuer

This statement constitutes Amendment No. 5 to the Schedule 13D relating to the Common Stock, par value \$1.00 (the "Shares"), issued by The Clorox Company (the "Issuer"), and hereby amends the Schedule 13D filed with the Securities and Exchange Commission on February 11, 2011 and amended by amendments No.1 through 4 thereto (as amended, the "Initial Schedule 13D"), on behalf of the Reporting Persons (as defined in the Initial Schedule 13D), to furnish the additional information set forth herein. All capitalized terms contained herein but not otherwise defined shall have the meanings ascribed to such terms in the Initial Schedule 13D.

Item 4. Purpose of Transaction

Item 4 is hereby amended by adding the following:

On August 30, 2011, Carl Icahn issued a press release regarding the Issuer. A copy of the press release is filed herewith as an exhibit and incorporated herein by reference, and any descriptions herein of the press release are qualified in their entirety by reference to the press release filed herewith.

SECURITY HOLDERS ARE ADVISED TO READ THE PROXY STATEMENT AND OTHER DOCUMENTS RELATED TO THE SOLICITATION OF PROXIES BY CARL C. ICAHN AND HIS AFFILIATES AND THE OTHER PARTICIPANTS THERETO FROM THE STOCKHOLDERS OF THE CLOROX COMPANY FOR USE AT ITS 2011 ANNUAL MEETING WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION, INCLUDING INFORMATION RELATING TO THE PARTICIPANTS IN SUCH PROXY SOLICITATION. WHEN COMPLETED, A DEFINITIVE PROXY STATEMENT AND A FORM OF PROXY WILL BE MAILED TO STOCKHOLDERS OF THE CLOROX COMPANY AND WILL ALSO BE AVAILABLE AT NO CHARGE AT THE SECURITIES AND EXCHANGE COMMISSION'S WEBSITE AT HTTP://WWW.SEC.GOV.

Item 7. Material to be Filed as Exhibits

Item 7 is hereby amended by the addition of the following:

1 Press Release, dated August 30, 2011 issued by Carl Icahn.

SIGNATURE

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

Dated: August 30, 2011

ICAHN PARTNERS MASTER FUND LP
ICAHN PARTNERS MASTER FUND II LP
ICAHN PARTNERS MASTER FUND III LP
ICAHN OFFSHORE LP
ICAHN PARTNERS LP
ICAHN ONSHORE LP
BECKTON CORP.
HOPPER INVESTMENTS LLC
BARBERRY CORP.
HIGH RIVER LIMITED PARTNERSHIP
By: Hopper Investments LLC, general partner

By: /s/ Edward E. Mattner

Name: Edward E. Mattner Title: Authorized Signatory

ICAHN CAPITAL LP

By: IPH GP LLC, its general partner

By: Icahn Enterprises Holdings L.P., its sole member By: Icahn Enterprises G.P. Inc., its general partner

IPH GP LLC

By: Icahn Enterprises Holdings L.P., its sole member By: Icahn Enterprises G.P. Inc., its general partner ICAHN ENTERPRISES HOLDINGS L.P.

By: Icahn Enterprises G.P. Inc., its general partner ICAHN ENTERPRISES G.P. INC.

By: /s/ Dominick Ragone

Name: Dominick Ragone

Title: Chief Financial Officer

/s/ Carl C. Icahn

CARL C. ICAHN