UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of August, 2016

Commission File Number 001-35463

Taro Pharmaceutical Industries Ltd.

(Translation of registrant's name into English)

14 Hakitor Street, Haifa Bay 2624761, Israel

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F \boxtimes Form 40-F \square

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): _____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes \Box No \boxtimes

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-____



Taro Pharmaceutical Industries Ltd. c/o Taro Pharmaceuticals U.S.A., Inc. Three Skyline Drive Hawthorne, New York 10532 (NYSE: TARO)

FOR IMMEDIATE RELEASE

CONTACT: William J. Coote (914) 345-9001 William.Coote@taro.com

TARO ANNOUNCES COMPLETION OF \$250 MILLION SHARE REPURCHASE PROGRAM

Hawthorne, NY, August 19, 2016 – Taro Pharmaceutical Industries Ltd. (NYSE: TARO) announced today that it recently completed its \$250 million share repurchase program. The company bought back 1,801,099 of its ordinary shares in open market transactions at an average price of \$138.80 per share. The repurchase program was announced by the company on March 15, 2016, and was completed on August 18, 2016.

About Taro

Taro Pharmaceutical Industries Ltd. is a multinational, science-based pharmaceutical company, dedicated to meeting the needs of its customers through the discovery, development, manufacturing and marketing of the highest quality healthcare products. For further information on Taro Pharmaceutical Industries Ltd., please visit the Company's website at <u>www.taro.com</u>.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: August 19, 2016

TARO PHARMACEUTICAL INDUSTRIES LTD.

By: <u>/s/ Subramanian Kalyanasundaram</u> Name: Subramanian Kalyanasundaram Title: Chief Executive Officer and Director