# 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 April 2024

Commission File Number: 001-41973

Critical Metals Corp. (Exact name of registrant as specified in its charter)

c/o Maples Corporate Services (BVI) Limited Kingston Chambers, PO Box 173, Road Town Tortola, British Virgin Islands (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  $\square$ 

### EXPLANATORY NOTE

On April 21, 2024, the Board of Directors of Critical Metals Corp. (the "Company") appointed Tony Sage to serve as Chief Executive Officer of the Company, effective immediately. Mr. Sage has served as the Company's Executive Chairman since October 2021. Dietrich Wanke, the former Chief Executive Officer of the Company, will remain employed with the Company and will transition to the new role of President of European Operations.

# **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.

# Critical Metals Corp.

By: /s/ Tony Sage

Name: Tony Sage

Title: Chief Executive Officer and Executive Chairman

Date: April 24, 2024