



**Date:** November 20, 2020  
**TO:** MIAX PEARL Equities Members  
**FROM:** MIAX PEARL Equities Listings Department  
**Re:** Sage ESG Intermediate Credit ETF - GUDB

MIAX PEARL, LLC (“Exchange”) commenced trading of equity securities on September 25, 2020 followed by a security-by-security phase-in period. This Product Circular is being issued to advise you that the following security has been approved for trading pursuant to unlisted trading privileges (“UTP”) on the Exchange as a UTP Derivative Security pursuant to Exchange Rule 2900, and will begin trading on MIAX PEARL during the phase-in period. See the [Exchange’s Website](#) for the phase-in schedule.

<u>Security (the “Fund”)</u>	<u>Symbol</u>
Sage ESG Intermediate Credit ETF	GUDB

**Issuer/Trust:** Northern Lights Fund Trust IV

**Issuer Website:** <https://www.sageetfs.com/etf>

**Primary Listing Exchange:** NYSE Arca

The purpose of this Product Circular is to outline various rules and policies that will be applicable to trading in this new product pursuant to the Exchange’s unlisted trading privileges, as well as to provide certain characteristics and features of the Shares. For a more complete description of the Issuer, the Shares and the underlying market instruments or indexes, visit the Issuer Website, consult the Prospectus available on the Issuer Website, examine the Issuer Registration Statement or review the most current information bulletin issued by the Primary Listing Exchange. The Issuer Website, the Prospectus, the Issuer Registration Statement and the Primary Exchange Circular are hereafter collectively referred to as the “Issuer Disclosure Materials.”

**Background Information on the Fund**

The Sage ESG Intermediate Credit ETF (the “Fund”) seeks to replicate investment results that generally correspond, before fees and expenses, to the performance of the Sage ESG Intermediate Credit Index (the “Index”).

The Fund generally will invest at least 80% of its total assets in the component securities of the Index. The Index consists of corporate bonds selected from the Bloomberg Barclay’s Capital U.S. Intermediate Credit Bond Index that meet environmental, social and governance (“ESG”) criteria jointly developed by the Fund’s investment adviser, Sage Advisory Services LTD Co. (“Sage” or the “Adviser”), and Sustainalytics.

Sustainalytics, based in London, England, is a global leader in ESG and Corporate Governance research and ratings.

The index provider, which is the Adviser, created and maintains the Index by using the Sage/Sustainalytics proprietary framework to assign each issuer of bonds in the Bloomberg Barclay's Capital U.S. Intermediate Credit Bond Index an ESG score from 1 to 100. To measure corporate sustainability, a set of ESG indicators specific to the industry of the respective issuer are scored. A score from 0 to 100 is given to each indicator. The ESG score is determined by the weighted sum of the indicator scores for a particular issuer. To be eligible for inclusion in the Index, an issuer must have a minimum overall ESG score of 50 and must rank in the top forty percent of its peer group. Additionally, each issuer must have a Controversy Score of no higher than 3 (out of 5) and must meet certain other proprietary conditions specific to each industry group. Indicators of controversy for a company are analyzed and given a Controversy Score. The indicators that are analyzed are:

- News regarding a company that may pose ESG risks for the company;
- Incidents of misconduct with ESG implications by a company;
- Events, which are a set of incidents that refers to one ESG issue; and
- Controversies, which are a set of Events under one ESG topic.

The Index is constructed using a rules-based methodology and consists of investment grade domestic and U.S. dollar denominated foreign credit bonds that meet the criteria described above, representing each industry sector in proportion to the sectors that make up the Bloomberg Barclay's Capital U.S. Intermediate Credit Bond Index. The bonds in the Index are also consistent with the duration (which, as of June 30, 2019, was 4.08 years), maturity (which, as of June 30, 2019, was 4.81 years) and yield curve positioning in the Bloomberg Barclay's Capital U.S. Intermediate Credit Bond Index. Duration is a measure used to determine the sensitivity of a security's price to changes in interest rates. The longer a security's duration, the more sensitive it will be to changes in interest rates. A yield curve is a representation on a chart of the yields on bonds with identical credit ratings but different maturities. The process results in the Index, as well as the Fund, consisting primarily of corporate bonds that display strong fundamentals and positive ESG characteristics.

The index provider expects that the Index will have approximately 120 issues. The components of the Index, and the degree to which these components represent certain industries, are likely to vary over time.

The Index subscribes to the philosophy that companies with more sustainable corporate policies will keep pace with nonESG portfolios while promoting positive ESG characteristics. Companies with high ESG scores are better actors both environmentally and fiscally, and financial benefits should accrue to bondholders over time by holding companies with the highest standards relative to ESG factors.

The Adviser uses a representative sampling indexing strategy to manage the Fund. "Representative sampling" is an indexing strategy that involves investing in a representative sample of securities that collectively has an investment profile similar to that of an applicable underlying index. The securities selected are expected to have, in the aggregate, investment characteristics, fundamental characteristics

and liquidity measures similar to those of an underlying index. The Fund may or may not hold all of the securities in the Index.

The Index is sponsored, created, compiled, and maintained by the Adviser. Wilshire Associates is the calculation agent for the Index.

Under normal market conditions, the Fund invests at least 80% of its assets (defined as net assets plus borrowing for investment purposes) in credit bonds. Credit bonds are debt instruments in which an investor loans money to an entity which borrows the funds for a defined period of time at a variable or fixed interest rate. Typically credit bond include corporate bonds and other non-corporate bonds such as sovereign bonds, foreign agencies, and supranational entities. The Fund may invest the remainder of its assets in cash and cash equivalents. The Fund may concentrate its investments in a particular industry or group of industries to the extent that the Index concentrates in an industry or group of industries.

The Fund will issue and redeem Shares at NAV only in blocks of 50,000 Shares (each block of Shares is called a "Creation Unit"). Creation Units are issued and redeemed for cash and/or in-kind for securities. Individual Shares may only be purchased and sold in secondary market transactions through brokers. Except when aggregated in Creation Units in transactions with APs, the Shares are not redeemable securities of the Fund.

Shares of the Fund may trade at a price that is greater than, at, or less than NAV.

### **Principal Risks**

Interested persons are referred to the discussion in the prospectus for the Fund of the principal risks of an investment in the Fund. These include tracking error risk (factors causing a Fund's performance to not match the performance of its underlying index), market trading risk (for example, trading halts, trading above or below net asset value), investment style risk, sector risk, investment approach risk, non-diversification risk, issuer-specific risk, management risk, concentration risk, equity securities risk, sector risk and passive investment risk.

### **Exchange Rules Applicable to Trading in the Shares**

Trading in the Shares on MIAX PEARL is subject to MIAX PEARL trading rules.

### **Trading Hours**

The value of the Index underlying the Shares will be disseminated to data vendors every 15 seconds during the Regular Trading Session.

The Shares will trade on MIAX PEARL between 9:30 a.m. and 4:00 p.m. Please note that trading in the Shares during the Exchange's Pre-Market and Post-Market Sessions ("Extended Market Sessions") may result in additional trading risks which include: (1) that the current underlying indicative value may not be updated during the Extended Market Sessions, (2) lower liquidity in the Extended Market Sessions may impact pricing, (3) higher volatility in the Extended Market Sessions may impact pricing, (4) wider spreads may occur in the Extended Markets Sessions, and (5) because the indicative value is not calculated or

widely disseminated during the Extended Market Sessions, an investor who is unable to calculate an implied value for the Shares in those sessions may be at a disadvantage to market professionals.

### **Dissemination of Data**

The Consolidated Tape Association will disseminate real time trade and quote information for the Shares to Tape B.

<b>Name</b>	<b>Listing Market</b>	<b>Trading Symbol</b>	<b>IOPV Symbol</b>	<b>NAV Symbol</b>
Sage ESG Intermediate Credit ETF	NYSE Arca	GUDB	GUDB.IV	GUDB.NV

### **Delivery of a Prospectus**

MIAX PEARL Equity Members should be mindful of applicable prospectus delivery requirements under the federal securities laws with respect to transactions in the Fund. Prospectuses may be obtained through the Fund's website. The prospectus for the Fund does not contain all of the information set forth in the Fund's Registration Statement (including the exhibits to the Registration Statement), parts of which have been omitted in accordance with the rules and regulations of the SEC. For further information about the Fund, please refer to its Registration Statement.

In the event that the Fund relies upon an order by the SEC exempting the Shares from certain prospectus delivery requirements under Section 24(d) of the Investment Company Act of 1940 and in the future make available a written product description, MIAX PEARL Rules requires that MIAX PEARL Equity Members provide to all purchasers of Shares a written description of the terms and characteristics of such securities, in a form prepared by the Issuer of the Fund, no later than the time a confirmation of the first transaction in the Shares is delivered to such purchaser. In addition, MIAX PEARL Equity Members shall include such a written description with any sales material relating to the Shares that is provided to customers or the public. Any other written materials provided by an MIAX PEARL Equity Member to customers or the public making specific reference to the Shares as an investment vehicle must include a statement in substantially the following form: "A circular describing the terms and characteristics of [the UTP Exchange Traded Products] has been prepared by the [open-ended management investment company name] and is available from your broker. It is recommended that you obtain and review such circular before purchasing [the UTP Exchange Traded Products]."

A MIAX PEARL Equity Member carrying an omnibus account for a non-member broker-dealer is required to inform such non-member that execution of an order to purchase Shares for such omnibus account will be deemed to constitute agreement by the non-member to make such written description available to its customers on the same terms as are directly applicable to MIAX PEARL Equity Member under this rule.

Upon request of a customer, MIAX PEARL Members also shall provide a copy of the Prospectus.

### **Suitability**

Trading in the securities on the Exchange will be subject to the provisions of MIAX PEARL Rule 2107 and other applicable suitability rules. Equity Members recommending transactions in the securities to customers should make a determination that the recommendation is suitable for the customer.

### **Trading Halts**

MIAX PEARL will halt trading in the Shares of a security in accordance with MIAX PEARL Rules. The grounds for a halt under MIAX PEARL Rules include a halt by the primary market because the intraday indicative value of the security and/or the value of its underlying index are not being disseminated as required, or a halt for other regulatory reasons. In addition, MIAX PEARL will stop trading the Shares of a security if the primary market de-lists the security.

### **Exemptive, Interpretive and No-Action Relief Under Federal Securities Regulations**

The Securities and Exchange Commission (the “SEC”) has issued letters granting exemptive, interpretive and no-action relief from certain provisions of rules under the Securities Exchange Act of 1934 for exchange-traded securities listed and traded on a registered national securities exchange that meet certain criteria.

AS WHAT FOLLOWS IS ONLY A SUMMARY OF THE RELIEF OUTLINED IN THE NO-ACTION LETTERS REFERENCED ABOVE, THE EXCHANGE ADVISES INTERESTED PARTIES TO CONSULT THE NO- ACTION LETTERS FOR MORE COMPLETE INFORMATION REGARDING THE MATTERS COVERED THEREIN AND THE APPLICABILITY OF THE RELIEF GRANTED IN RESPECT OF TRADING IN SECURITIES. INTERESTED PARTIES SHOULD ALSO CONSULT THEIR PROFESSIONAL ADVISORS.

### **Regulation M Exemptions**

Generally, Rules 101 and 102 of Regulation M prohibit any “distribution participant” and its “affiliated purchasers” from bidding for, purchasing, or attempting to induce any person to bid for or purchase any security which is the subject of a distribution until after the applicable restricted period, except as specifically permitted in Regulation M. The provisions of the Rules apply to underwriters, prospective underwriters, brokers, dealers, and other persons who have agreed to participate or are participating in a distribution of securities.

The SEC has granted an exemption from Rule 101 under Regulation M to permit persons participating in a distribution of shares of the above-mentioned Fund to engage in secondary market transactions in such shares during their participation in such a distribution. In addition, the SEC has granted relief under Regulation M to permit persons who may be deemed to be participating in the distribution of Shares of the above-mentioned Fund (i) to purchase securities for the purpose of purchasing Creation Unit Aggregations of Fund Shares and (ii) to tender securities for redemption in Creation Unit Aggregations. Further, the SEC has clarified that the tender of Fund Shares to the Fund for redemption does not constitute a bid for or purchase of any of the Fund’s securities during the restricted period of Rule 101. The SEC has also granted an exemption pursuant to paragraph (e) of Rule 102 under Regulation M to allow the redemption of Fund Shares in Creation Unit Aggregations during the continuous offering of Shares.

### **Rule 10b-10 (Customer Confirmations for Creation or Redemption of Fund Shares)**

Broker-dealers who handle purchases or redemptions of Fund Shares in Creation Unit size for customers will be permitted to provide such customers with a statement of the number of Creation Unit Aggregations created or redeemed without providing a statement of the identity, number and price of shares of the individual securities tendered to the Fund for purposes of purchasing Creation Unit Aggregations (“Deposit Securities”) or the identity, number and price of shares to be delivered by the Trust for the Fund to the redeeming holder (“Redemption Securities”). The composition of the securities required to be tendered to the Fund for creation purposes and of the securities to be delivered on redemption will be disseminated each business day and will be applicable to requests for creations or redemption, as the case may be, on that day. This exemptive relief under Rule 10b-10 with respect to creations and redemption is subject to the following conditions:

- 1) Confirmations to customers engaging in creations or redemptions must state that all information required by Rule 10b-10 will be provided upon request;
- 2) Any such request by a customer for information required by Rule 10b-10 will be filed in a timely manner, in accordance with Rule 10b-10(c); and
- 3) Except for the identity, number, and price of shares of the component securities of the Deposit Securities and Redemption Securities, as described above, confirmations to customers must disclose all other information required by Rule 10b-10(a).

### **Rule 10b-17 (Untimely Announcement of Record Dates)**

The SEC has granted an exemption from the requirements of Rule 10b-17 that will cover transactions in the Shares.

### **Section 11(d)(1); Rule 11d1-2 (Customer Margin)**

The SEC has taken a no-action position under Section 11(d)(1) that will permit broker-dealers that do not create Shares but engage in both proprietary and customer transactions in such Shares exclusively in the secondary market to extend or maintain or arrange for the extension or maintenance of credit on the Shares, in connection with such secondary market transactions. For broker-dealers that engage in the creation of Shares, the SEC has also taken a no-action position under Rule 11d1-2 that will cover the extension or maintenance or the arrangement for the extension or maintenance of credit on the Shares that have been owned by the persons to whom credit is provided for more than 30 days.

### **Rule 14e-5**

An exemption from Rule 14e-5 has been granted to permit any person acting as a dealer-manager of a tender offer for a component security of the Fund (1) to redeem Fund Shares in Creation Unit Aggregations from the issuer that may include a security subject to such tender offer and (2) to purchase Fund Shares during such tender offer. In addition, a no-action position has been taken under Rule 14e-5 if a broker-dealer acting as a dealer-manager of a tender offer for a security of the Fund purchases or arranges to

purchase such securities in the secondary market for the purpose of tendering such securities to purchase one or more Creation Unit Aggregations of Shares, if made in conformance with the following:

- 1) such bids or purchases are effected in the ordinary course of business, in connection with a basket of 20 or more securities in which any security that is the subject of a distribution, or any reference security, does not comprise more than 5% of the value of the basket purchase; or
- 2) purchases are effected as adjustments to such basket in the ordinary course of business as a result of a change in the composition of the underlying index; and
- 3) such bids or purchases are not effected for the purpose of facilitating such tender offer.

**SEC Rule 15c1-5 and 15c1-6 (Disclosure of Control and interest in Distributions)**

The SEC has taken a no-action position under Rule 15c1-5 that will permit a broker-dealer to execute transactions in Shares without disclosing any control relationship with an issuer of a component security. In addition, the SEC has taken a no-action position under Rule 15c1-6 that will permit a broker dealer to execute transactions in the Shares without disclosing its participation or interest in a primary or secondary distribution of a component security.

This Product Circular is not a statutory prospectus. MIAX PEARL Equity Members should consult the prospectus for a security and the security's website for relevant information.

Please direct product listing questions to MIAX PEARL Equities Listings at [Listings@MIAXOptions.com](mailto:Listings@MIAXOptions.com) or (609) 897-7308.

Please direct regulatory questions to the MIAX PEARL Regulatory Department at [Regulatory@MIAXOptions.com](mailto:Regulatory@MIAXOptions.com) or (609) 897-7309.