

Punjab Alkalies & Chemicals Limited

July 04, 2022

Ratings

Facilities/Instruments	Amount (₹ crore)	Rating ¹	Rating Action
Long Term Bank Facilities	97.51	CARE BBB- (CWD) (Triple B Minus) (Under Credit watch with Developing Implications)	Continues to be on Credit watch with Developing Implications
Long Term / Short Term Bank Facilities	20.00	CARE BBB- / CARE A3 (CWD) (Triple B Minus / A Three) (Under Credit watch with Developing Implications)	Continues to be on Credit watch with Developing Implications
Total Bank Facilities	117.51 (₹ One Hundred Seventeen Crore and Fifty-One Lakhs Only)		

Details of instruments/facilities in Annexure-1.

Detailed rationale and key rating drivers

The ratings assigned to the bank facilities of Punjab Alkalies & Chemicals Limited (PACL) continues to derive strength from experienced promoters with long-track record of operations, favourable location of the plant marked by healthy capacity utilisation and moderate diversification of clientele across various end user industries. The ratings also favourably factor in the improvement in overall financial risk profile of the company during FY22 (refers to the period April 01 to March 31). The ratings, however, continue to remain constrained by the project risk associated with the ongoing capex and inherent volatility in Electro Chemical Unit (ECU) realizations of caustic soda leading to volatility in margins over the past 5 years. The ratings also take note of the susceptibility of profitability to adverse movement in power cost and threat of cheaper imports from foreign countries and competition with established integrated players in an inherently cyclical caustic soda industry.

The ratings continue to remain under 'credit watch with developing implications' in view of the ongoing acquisition of promoter group company Flow Tech Chemicals Private Limited and proposed amalgamation of promoter group entities VS Polymers Pvt. Ltd. and Prayag Chemicals Pvt. Ltd. with PACL which are under various stages of approvals. CARE would keep a close watch on the developments and take an appropriate rating action once clarity emerges on the same.

Rating sensitivities

Positive factors – Factors that could lead to positive rating action/upgrade:

- Significant growth in its scale of operations marked by total operating income (TOI) of more than Rs. 650 crore along with PBILDT margins above 20% on a sustained basis
- Timely commissioning of the new projects within envisaged time and cost and achieve envisaged profitability margins despite cyclicity in caustic soda industry
- Completion of 100% acquisition of Flowtech Chemicals and proposed amalgamation of group companies in a timely manner.

Negative factors – Factors that could lead to negative rating action/downgrade:

- Any higher than envisaged large debt-funded expansion or higher than envisaged exposure towards group companies resulting in leverage levels exceeding 1.00x
- Any time or cost overrun in execution of ongoing capex projects
- Heavy dumping of caustic soda products from foreign countries significantly impacting its ECU realization leading to significant impact on profitability margins, gross cash accruals and debt coverage indicators
- Any tightening of prevailing pollution control/ environmental norms and/or regulatory ban on production & sales of certain major products thereby significantly impacting its business and profitability

Detailed description of the key rating drivers

Key Rating Strengths

Experienced promoters and management

The company was promoted by Punjab State Industrial Development Corporation (PSIDC) in 1975, which disinvested its 33% stake in Q3FY21- (refers to the period October 01 to December 31). In Oct 2020, the promoters of Flowtech Group have acquired the stake in PACL from open market. Established in 1993, Flow Tech Group is a pioneer in manufacturing Chlorinated Paraffin and Hydrochloric Acid. The manufacturing facilities of Flowtech Group are set up at prominent locations in Punjab, Haryana and West Bengal. The management of the company has changed from nominee directors of PSIDC to Mr. Sukhbir Singh Dahiya, Mr. Jagbir Singh Ahlawat and Mr. Naveen Chopra who have several decades of experience in chemical industry.

¹Complete definition of the ratings assigned are available at www.careedge.in and other CARE Ratings Ltd.'s publications

Consistent operational performance in chlor-alkali industry marked by healthy capacity utilization

The company has an operational track record of more than 3 decades in chlor alkali industry. The company has maintained consistently healthy capacity utilisation of more than 85% for its caustic soda unit over the past six years. The capacities of byproducts Chlorine, Hydrogen Chloride, Sodium Hypo Chlorate and Hydrogen are not fixed and will vary depending upon the product mix. The disposal of chlorine is a major issue faced by industry which is supposed to be mitigated by the company with planned acquisition and amalgamation of group companies in near future as these group companies manufacture chlorinated Paraffin wax and hydro chloric Acid which utilize chlorine as a byproduct. The company is also undergoing expansion of its plant by increasing the Caustic production from 300 TPD to 500 TPD.

Locational advantage of the plant owing to close proximity to power and water supply which are critical inputs for smooth functioning of plant

The units of PACL are located at Naya Nangal in District Ropar, Punjab. PACL has locational advantage owing to easy access to end users in the vicinity as well as close proximity to Bhakra Left Bank Power Generating station providing uninterrupted power supply and River Sutlej as a continuous water supply source, both of which are critical inputs for smooth functioning of plant. The road as well as rail connectivity to the plant is also good as the company is having its own railway siding and presently salt is being transported from Gujarat directly to PACL factory which reduces the transportation cost. Due to its strategic location, it can cost-effectively cater to not only the market of northern India but also into the farther reaches of the country.

Moderate diversification of client across various end user industries

The products of PACL finds application across various industries like Paper, textiles, Detergent, FMCG, Paint, Chemicals and Pharmaceutical industries. The company has a healthy relationship with customers and receives repeat orders from them. The payment from the customers is normally received within 15-30 days.

Improvement in overall financial risk profile during FY22

The company has reported improvement in overall financial profile during FY22 characterised by healthy growth in total operating income, profitability and debt coverage indicators. The company reported 92.35% growth in total operating income during FY22 largely on account of higher volumes and ECU realizations. The EBIDTA margin of the company improved significantly from 9.23% in FY21 to 21.00% in FY22 on account of better ECU realizations coupled with lower power and fuel cost. During FY22, the capital structure of the company improved and remained comfortable with an overall gearing of 0.42x as on March 31, 2022 as compared to 0.72x as on March 31, 2021 on account of increase in tangible network due to issue of equity shares during the year at a premium coupled with accretion of profits to reserves. Although, the capital structure of the company is expected to moderate over medium term owing to expected availment of debt to complete its on-going capex, however the same is expected to be supported by improved profitability on the back of reduction in power, transportation and employee costs due to management's focus on cost control.

Key Rating Weaknesses**Inherent volatility in ECU realization of caustic soda and its byproducts leading to volatile margins over the past 5 years**

With presence in a cyclical industry, the company faces high volatility in the realisations of caustic soda which have led to volatility in profitability margins over the past 5 years. The ECU realisations fell close to their low of around Rs.27,732/MT during FY21 vis-à-vis the highs of around Rs.39,701/MT in FY22. However, any substantial drop in ECU realizations leading to reduction in gross cash accruals would remain a key rating sensitivity.

Large size ongoing capacity expansion and power projects with large funding commitment from internal accruals

The company is setting up a captive power plant of 35 MW capacity. The total cost of the project is estimated at Rs.110 crore for which company has already achieved the financial closure. The project is expected to be commissioned by Sep 30, 2022. As on April 30, 2022, the company has incurred Rs. 88.38 crore on the power project which is funded by Rs. 45 crore equity, term debt of Rs. 30.93 crore and remaining through cash accruals. The company is also undergoing expansion of its plant by increasing the Caustic Soda production from 300 TPD to 500 TPD. The total project cost is around Rs. 62 crore which is funded through debt of Rs. 40 crore and remaining from internal accruals. As on May 19, 2022, the company has incurred Rs. 50 crore on the project which is being funded by Rs. 28 crore of term loan and remaining through internal accruals. Apart from these projects, the company is also undergoing expansion of its existing product portfolio by adding new products like Flakes and Stable Bleaching Powder. The estimated total project cost is Rs. 40 crore in case of flaker project and Rs.36 crore in case of bleaching powder project. The company proposes to fund the same by taking Rs. 50 crore of debt and remaining through cash accruals. As on May 26, 2022, the company has already incurred Rs. 10 crore in case of flaker project and Rs. 17 crore in case of bleaching powder project which has been funded with cash accruals. The financial closure is yet to be achieved for these projects. Any higher than envisaged debt funded capex or any time and cost overrun in ongoing projects shall remain key monitorable.

Susceptibility of profitability to adverse movement in power cost and threat of cheaper imports from foreign countries

The profitability of PACL is susceptible to adverse movement in power cost since electrolysis is an energy intensive process and power cost constitutes a significant part of its cost structure. However, the power consumption has reduced in FY22 due to peak load incentive provided to company for high capacity utilisation. Further the power tariff has reduced from Rs.6.09 per

unit in FY21 to Rs.5.93 per unit in FY22 due to reduction in electricity duty as per Industrial Policy thereby resulting in saving of power cost.

Competition with established integrated players and presence in an inherently cyclical caustic soda industry

With the presence of large established players like Gujarat Alkalis and Chemicals limited, DCM Shriram Limited, Grasim Industries Limited etc. and cheaper imports, the market is highly competitive. Large number of players in the industry leads to high competition amongst the existing players. Larger organized players are better placed in the market due to their superior quality, brand name, and their ability to negotiate better prices with the suppliers of raw materials. Caustic soda industry is an inherently cyclical industry wherein sales realization of companies in caustic soda manufacturing had improved significantly during FY18 & FY19 and then it had started softening from FY20. By end of FY21, ECU realizations had declined to a decade low level mainly on the back of Covid 19 pandemic whereby demand from end- use industries had been severely impacted. However, the realization have improved significantly during FY22.

Liquidity: Adequate

The liquidity position of PAFL is adequate as the company has expected gross cash accruals of more than Rs.90 crore as against repayment obligations of Rs. 8.13 crore in FY23. The average working capital utilisation for the past 12 months ended April 2022 stood at 12.89%. The company had free cash and cash balances of close to Rs. 20.00 crore as on May 11, 2022.

Analytical approach: Standalone

Applicable criteria

[Policy on default recognition](#)

[Financial Ratios – Non financial Sector](#)

[Liquidity Analysis of Non-financial sector entities](#)

[Rating Outlook and Credit Watch](#)

[Short Term Instruments](#)

[Manufacturing Companies](#)

About the company

Incorporated in December 1975, the company is promoted by PSIDCL which disinvested its 33% stake in Q3FY21. In Oct 2020, the promoters of Flowtech Group have acquired the stake in PAFL from open market and held a 31.35% stake in the company as on March 31, 2022. PAFL commenced its operations at Naya Nangal, Roopnagar, Punjab in January 1984. The company mainly manufactures Caustic Soda Lye which is widely used in industries like soap, paper, dyes, chemicals and plastic. The other products like Liquid Chlorine, Hydrochloric Acid, Sodium Hypochlorite, etc. are the by-products of the manufacturing process. The Company has two manufacturing units viz. unit-I (100TPD) & II (200 TPD) both are located in one premises at Nangal-Una Road, Naya Nangal, District Roopnagar, Punjab. The company is increasing the total capacity to 500 TPD in phased manner. The units are spread over an area of approximately 89 acres. Both the units are based on membrane cell technology. The present combined plant capacity is 425 TPD of Caustic Soda.

Brief Financials (₹ crore)	March 31, 2020 (A)	March 31, 2021 (A)	March 31, 2022 (A)
Total operating income	292.92	242.92 [^]	466.70
PBILDT	15.32	2.45 [^]	98.01
PAT	8.80	8.24	56.72
Overall gearing (times)	1.13	0.72	0.42
Interest coverage (times)	2.97	0.46	11.11

A: Audited

[^]Adjusted for miscellaneous income of Rs. 14.13 crore which includes GST incentive and insurance claim

Status of non-cooperation with previous CRA: Not Applicable

Any other information: Not Applicable

Rating history for the last three years: Please refer Annexure-2

Covenants of the rated instruments/facilities: Detailed explanation of covenants of the rated instruments/facilities is given in Annexure-3

Complexity level of various instruments rated for this company: Annexure-4

Annexure-1: Details of instruments/facilities

Name of the Instrument	ISIN	Date of Issuance	Coupon Rate	Maturity Date	Size of the Issue (₹ crore)	Rating Assigned along with Rating Outlook
Fund-based - LT-Term Loan		-	-	Sep 2028	97.51	CARE BBB- (CWD)
LT/ST Fund-based/Non-fund-based-CC/WCDL/OD/LC/BG		-	-	-	20.00	CARE BBB- / CARE A3 (CWD)

Annexure-2: Rating history for the last three years

Sr. No.	Name of the Instrument/Bank Facilities	Current Ratings			Rating History			
		Type	Amount Outstanding (₹ crore)	Rating	Date(s) and Rating(s) assigned in 2022-2023	Date(s) and Rating(s) assigned in 2021-2022	Date(s) and Rating(s) assigned in 2020-2021	Date(s) and Rating(s) assigned in 2019-2020
1	Fund-based - LT-Term Loan	LT	97.51	CARE BBB- (CWD)	1)CARE BBB- (CWD) (08-Jun-22)	1)CARE BB+ (CWD) (17-Mar-22) 2)CARE BB+ (CWD) (17-Jan-22)	-	-
2	LT/ST Fund-based/Non-fund-based-CC/WCDL/OD/LC/BG	LT/ST*	20.00	CARE BBB- / CARE A3 (CWD)	1)CARE BBB- / CARE A3 (CWD) (08-Jun-22)	1)CARE BB+ / CARE A4+ (CWD) (17-Mar-22) 2)CARE BB+ / CARE A4+ (CWD) (17-Jan-22)	-	-

*Long term/Short term.

Annexure-3: Detailed explanation of the covenants of the rated instruments/facilities: Not Applicable**Annexure-4: Complexity level of various instruments rated for this company**

Sr. No.	Name of Instrument	Complexity Level
1	Fund-based - LT-Term Loan	Simple
2	LT/ST Fund-based/Non-fund-based-CC/WCDL/OD/LC/BG	Simple

Annexure-5: Bank lender details for this companyTo view the lender wise details of bank facilities please [click here](#)

Note on complexity levels of the rated instruments: CARE Ratings has classified instruments rated by it on the basis of complexity. Investors/market intermediaries/regulators or others are welcome to write to care@careedge.in for any clarifications.

Contact us

Media contact

Name: Mradul Mishra
Phone: +91-22-6754 3596
E-mail: mradul.mishra@careedge.in

Analyst contact

Name: Puneet Kansal
Phone: +91-11-4533 3225
E-mail: puneet.kansal@careedge.in

Relationship contact

Name: Swati Agrawal
Phone: +91-11-4533 3200
E-mail: swati.agrawal@careedge.in

About us:

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