

Profile on Caustic soda

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Profile on Caustic soda

1. Grades

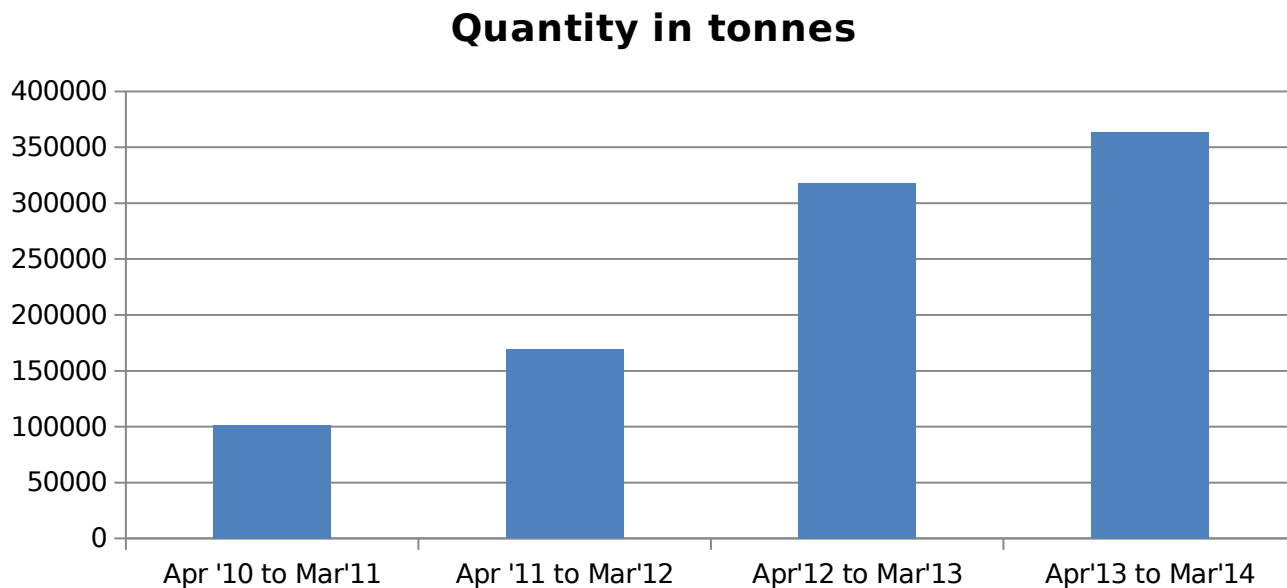
- 50% caustic soda lye
- Pellet/chips (98% plus concentration)
- 73% caustic soda

2. Application sector

- Paper industry
- Aluminium industry
- Viscose rayon industry
- Textile processing
- Water purification and waste water treatment
- Detergent industry
- Soap
- Food industry / Vegetable oil
- Rubber industry
- Petroleum industry
- Metal processing
- Inorganic derivatives
- Saponifying / neutralizing agent in organic chemicals

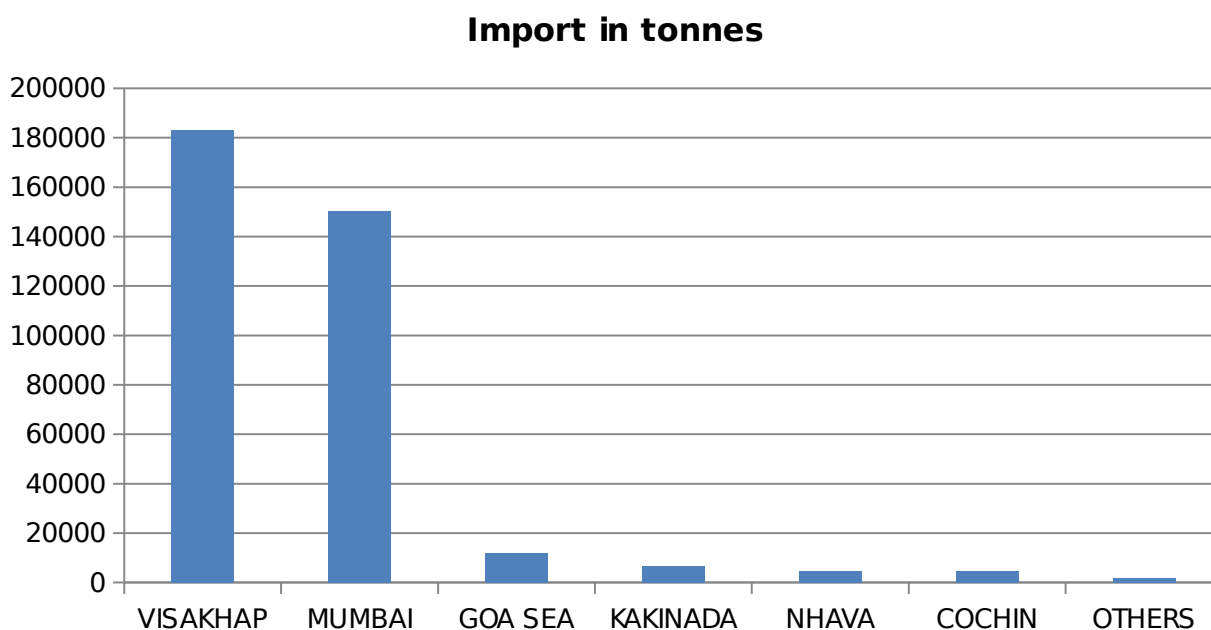
3. Indian import details

Annual import

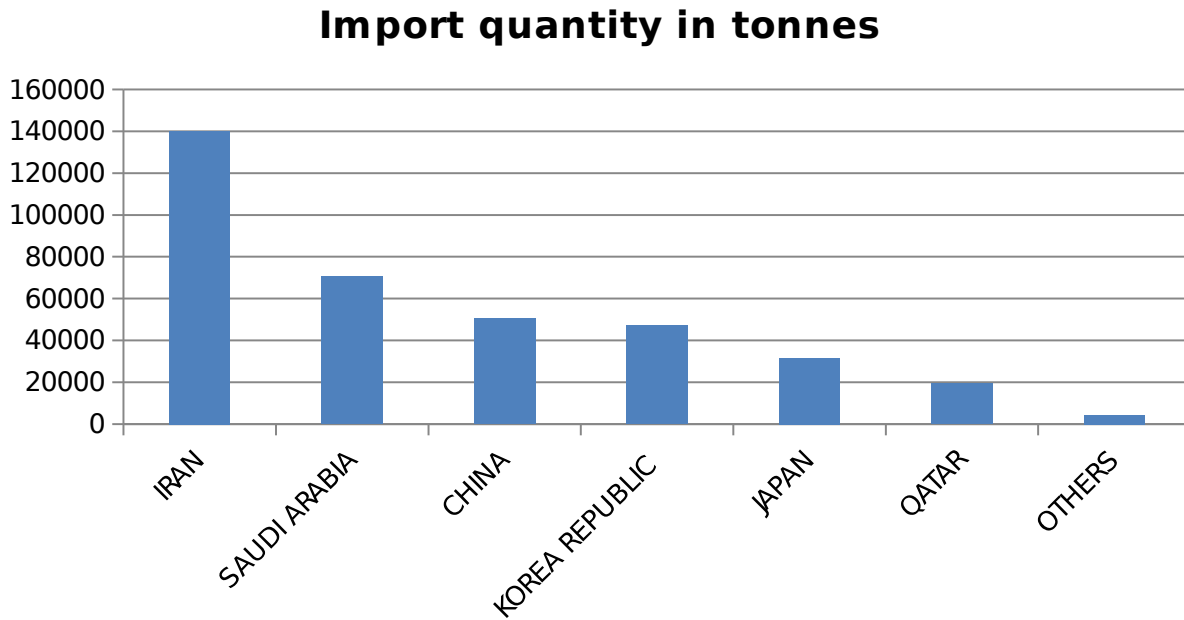


Quantity of import during the month of Apr 2014 to July 2014 - 172456 in tonnes

Portwise import - Period Apr'13 to Mar '14

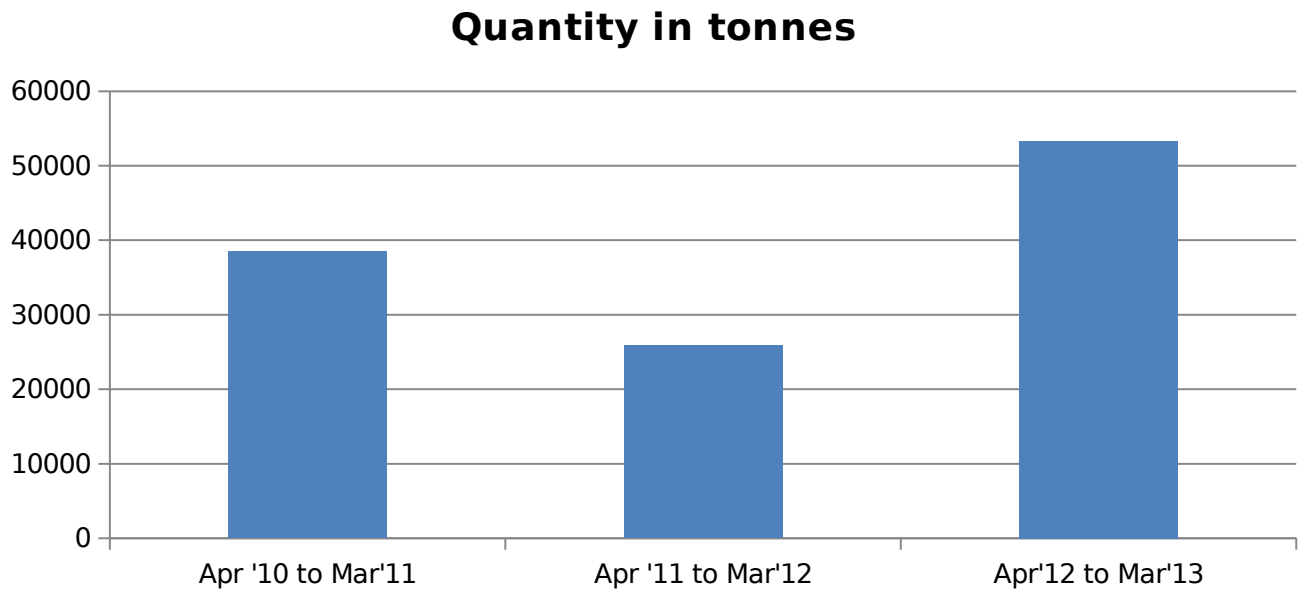


Countrywise import - Period Apr'13 to Mar'14



4. Indian export details

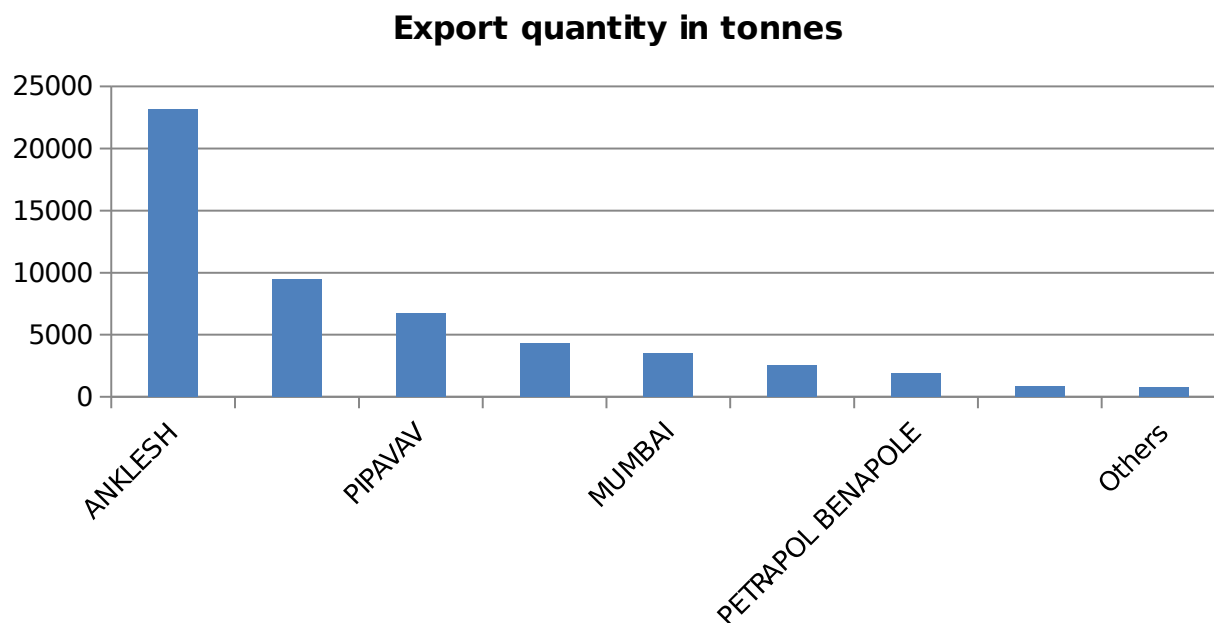
Annual export



Estimated import - Period Apr '12 to Mar '13

53340 tonnes

Portwise export - Period Apr'12 to Mar'13



Countrywise export - Period Apr'12 to Nov '12

COUNTRY	QUANTITY IN TONNES
TANZANIA	13416
KENYA	9064
SRI LANKA	6375
BANGLADESH	4595
TURKEY	3637
CAMEROON	2247
CONGO DEMOCRATIC	2053
MOZAMBIQUE	1622
UNITED ARAB	1293
SENEGAL	1278
GHANA	1147
SOUTH AFRICA	975
SUDAN	796
NIGERIA	645
MALAWI	549

YEMEN	528
MAURITANIA	500
SAUDI ARABIA	405
COTE D'IVOIRE	284
NAMIBIA	235
ANGOLA	214
ZAMBIA	194
OMAN	175
MADAGASCAR	122
OTHERS	957
TOTAL	53306

4. Indian supply scenario - Period Apr 2012 to March 2013

Indian installed capacity and production level

Indian installed capacity of caustic soda 3.126 million tonnes per annum

Indian production level of caustic soda 2.65 million tonnes per annum

Regionwise capacity of caustic soda

Region	No. of Plants	Capacity (mMTPA)	Regional Share (%)
EAST	7	0.372	12
WEST	14	1.661	53
NORTH	4	0.410	13
SOUTH	9	0.683	22
TOTAL	34	3.126	100

West India holds major share of around 53% of all India caustic soda capacity

Indian producers of caustic soda

EAST

1. ADITYA BIRLA CHEMICALS (INDIA) LTD., REHLA, JHARKHAND
2. ADITYA BIRLA CHEMICALS (INDIA) LTD., RENUKOOT, UTTAR PRADESH
3. DURGAPUR CHEMICALS LTD., DURGAPUR, WEST BENGAL
4. HINDUSTAN PAPER CORPORATION LTD., CACHAR & NAGAON, ASSAM
5. HJI – DIVISION OF ORIENT PAPER MILLS, AMLAI, MP
6. JAYSHREE CHEMICALS LTD., GANJAM, ORISSA

WEST

7. ADITYA BIRLA NUVO LTD., VERAVAL, GUJARAT
8. ATUL LTD., VALSAD, GUJARAT
9. CENTURY RAYON, THANE, MAHARASHTRA
10. DCM SHRIRAM CONSOLIDATED LTD., JHAGADIA, GUJARAT
11. GRASIM INDUSTRIES LTD., NAGDA, MADHYA PRADESH
12. GUJARAT ALKALIES & CHEMICALS LTD., VADODARA & DAHEJ, GUJARAT
13. GUJARAT FLOURO CHEMICALS LTD., DAHEJ, GUJARAT
14. MEGHMANI FINECHEM LTD., DAHEJ, GUJARAT
15. NIRMA LTD., BHAVNAGAR, GUJARAT
16. RELIANCE INDUSTRIES LTD., DAHEJ, GUJARAT
17. TATA CHEMICALS LTD., MITHAPUR, GUJARAT
18. UNITED PHOSPHORUS LTD., JHAGADIA, GUJARAT

NORTH

19. DCM SHRIRAM CONSOLIDATED LTD., KOTA, RAJASTHAN
20. LORDS CHLORO ALKALI LTD., ALWAR, RAJASTHAN
21. PUNJAB ALKALIES & CHEM. LTD., NAYANANGAL, PUNJAB
22. SIEL CHEMICAL COMPLEX (MAWANA SUGARS), RAJPURA, PUNJAB

SOUTH

23. CHEMPLAST SANMAR LTD., KARAIKAL, PUDUCHERRY & METTUR DAM, TAMILNADU
24. CHEMFAB ALKALIS LTD., PUDUCHERRY
25. DCW LTD., SAHUPURAM, TAMILNADU
26. SOLARIS CHEMTECH INDS. LTD., KARWAR, KARNATAKA
27. SREE RAYALASEEMA ALKALIES & ALLIED CHEMICALS LTD., KURNOOL, AP
28. TAMILNADU PETROPRODUCTS LTD., MANALI, TAMILNADU
29. THE ANDHRA SUGARS LTD., SAGGONDA, AP
30. THE TRAVANCORE COCHIN CHEM. LTD., KOCHI, KERALA

Projected capacity in 2014-2015

3.6 million tonnes

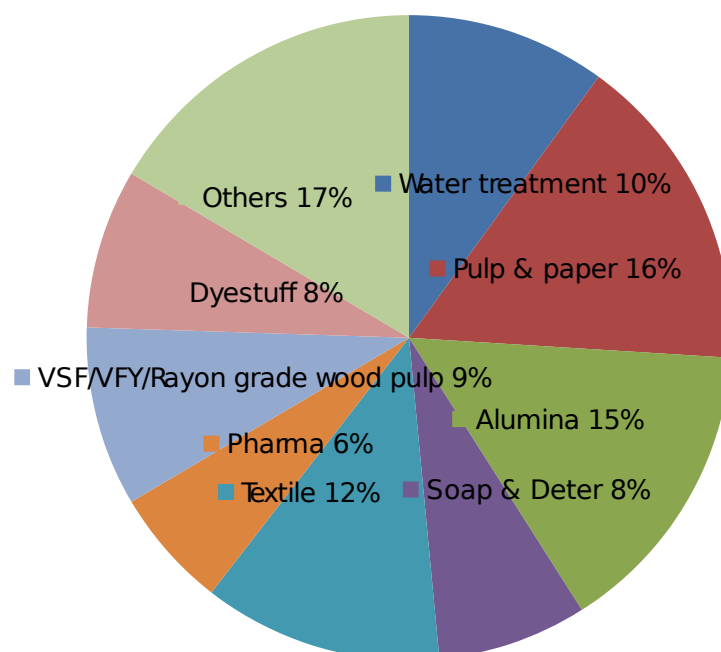
Source: All Indian Caustic soda manufacturers' Association

5. Indian demand - Period Apr 2012 to Mar'2013

Indian demand for caustic soda

2.96 million tonnes

Sectorwise demand pattern



6. Growth rate in demand

Growth rate in domestic demand

6% per annum

Growth rate in export demand

10% per annum

7. Projected demand supply scenario

Period	Capacity	Production	Domestic demand	Export	Total demand	Gap in supply to be met by import
2012-2013	3.126	2.65	2.96	0.05	3.01	0.36
2013-2014	3.126	2.65	3.14	0.06	3.2	0.50

Production considering at around 85% capacity utilisation

