



## **Sanmar's Sustainability Initiatives**

## An Investor in Society

As a socially responsible and sensitive corporate, Sanmar has always discharged its responsibility towards society at large.

- Chemplast Sanmar was the first in India to adopt the EDC route (chlorination of ethylene) in the manufacture of Poly Vinyl Chloride as an alternative to the carbide route, using a renewable resource like molasses to manufacture industrial alcohol and convert ethanol into ethylene.
- Chemplast Sanmar completely replaced the legacy mercury cell process with the environment-friendly membrane cell process to manufacture caustic soda ahead of the then stipulated timeline. Its compliance with statutory environmental requirements equals the requirements in the developed world.
- Chemplast Sanmar was one of the earliest manufacturers of PVC and chloromethanes to use an incinerator to eliminate pollutants completely.
- To achieve zero discharge of liquid effluents at its facilities at Mettur, Cuddalore and Karaikal, pioneering steps in effluent treatment were initiated. These plants completely recycle and reuse liquid effluents.
- The marine terminal facilities at Karaikal and Cuddalore ensure the transfer of chemicals Ethylene and Vinyl Chloride Monomer (VCM) respectively, directly from the ships into the storage tanks, thereby safely feeding the production facilities.



The Sanmar Nahar BNHS Bird Migration Study Centre, inaugurated in April 2007 in collaboration with the Bombay Natural History Society (BNHS) at Point Calimere, a natural habitat for rare migratory birds, serves as a platform for the study of birds and habitat restoration measures.

## Awards and Certificates

### Safety

- National Safety Council of India award for Tamil Nadu Chapter: Chemplast Mettur Plant II (Safety Star award), Chemplast Cuddalore (Safety Appreciation award), Chemplast Mettur Plant III and Sanmar Speciality Chemicals Berigai (Commendation Certificates).
- Tamil Nadu State Government Safety awards: Chemplast Mettur Plant II (PVC Plant) bagged six awards and Chemplast Mettur Plant III (Chloralkali Plant) three and Chemplast Mettur Plant I one award for the years 2010, 2011 and 2012. First prize for Sanmar Speciality Chemicals, Berigai, for highest reduction in accident rate for the year 2012. Chemplast Cuddalore won the third prize for highest reduction in weighted accident frequency rate in 2011.
- National Safety Council of India award: Chemplast Sanmar Mettur Plant II PVC division – 2013 'Prashansa Patra' in recognition for its developing and implementing effective Management Systems and Procedures and achieving good performance in OSH for 2011 and 2012.
- Tamil Nadu State Government Safety awards: Sanmar Foundries, Tyco Sanmar and Pacific Valves won for highest reduction in accident rate and lowest weighted accident frequency rate for the year 2012.

Cover photos: Clockwise from top • Pacific Valves Division, Xomox Sanmar, Viralmalai, Tamil Nadu • Sanmar Majesty, a double hulled chemical tanker • Acerlan Foundry, Matrix Metals, Mexico • PVC plant, Chemplast Sanmar, Cuddalore, Tamil Nadu.



## Certifications

The Cuddalore plant is certified for ISO 9001, ISO 14001 and OHSAS 18001, and the Karaikal plant for ISO 14001, ISO 9001, OHSAS 18001 and SA 8000. Plant II (PVC) at Mettur is certified for ISO 14001 and OHSAS 18001, while Plant – III (Caustic) is certified for ISO 14001 and pursuing with OHSAS 18001 system certification at present. The company also received REACH compliance certification for the two specialised paste grades manufactured at Chemplast Mettur during 2013-14.

## Corporate Communications

- The Sanmar Group won two silver awards in the 54th Annual Awards Nite of the Association of Business Communicators of India (ABCI). Chemplast Sanmar's Sustainability Report 2013-14, '*If the World of Nature Could Speak*,' won a silver award and another silver award was won by the Group's internal magazine *Scribbles*.
- The Sanmar Group won three national awards from the Public Relations Society of India. Chemplast Sanmar's Sustainability Report 2012-13 '*If the World of Nature Could Speak*' won the first prize, *Scribbles* won the first prize for newsletters and *Matrix 25* – Silver Jubilee issue won the second prize for prestige publications.

## Environment

- The Sanmar Group Chemicals and Engineering divisions received several awards and certifications for Excellence at the CII Environment, Health and Safety Awards on 14 March 2015 at Chennai. Chemplast Mettur Plant II won the second prize in the Chemical Industry category. Chemplast Cuddalore, Flowserve Sanmar and Sanmar Speciality Chemicals Berigai received 3 Stars respectively.
- Chemplast Cuddalore received the FICCI award for "Efficiency in water usage by the Petrochemical sector" instituted by FICCI. The Ministry of Chemicals and Fertilizers, Government of India gave away the award at a function organised on 9 October 2014 at Mumbai.
- Chemplast Sanmar's fifth and sixth Sustainability Reports 2013-14 and 2014-15, were awarded A+ by the Global Reporting Initiative (GRI), Netherlands. Ernst & Young LLP assured the reports.



## Socially Responsible Efforts

### Healthcare and Educational Institutions

With Sanmar, social responsibility has been a way of life. Major beneficiaries of the Group's CSR initiatives include well known research, educational and healthcare institutions such as the Cancer Institute at Chennai, Sankara Nethralaya, and the Madhuram Narayanan Centre for Exceptional Children; research centres such as the Mrs. Madhuram Narayanan Vascular and Autonomic Function Unit at the Institute of Neurological Sciences, as well as educational institutes such as IIT Madras, among others.

### Madhuram Narayanan Centre for Exceptional Children

This is a centre for special education supported by The Sanmar Group for nearly two decades. The centre provides early intervention and specialised training for children with various types of developmental delays and associated conditions. The programmes are designed to help special children transition into mainstream schools. The centre has received considerable recognition for its commendable work.

### Madhuram Narayanan Charitable Foundation

The foundation funds the 'Save-a-child' scheme and provides a lifeline to children with heart disease through Apollo Hospitals Charitable Trust. The foundation works with the philanthropic wings of industry associations such as the Confederation of Indian Industry (CII) and NGOs such as The Banyan and REACH for tuberculosis research.

